

AD A074684

USAFETAC/DS-79/065

DATA PROCESSING BRANCH
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

REESE AFB TX/LUBBOCK
N 33 36 W 102 03 FLD ELEV 3338 F REE WBAN# 23021
WMO #

PARTS A-F

POR FROM HOURLY OBS: MAR 67 - DEC 70, JAN 73 - FEB 79
POR FROM DAILY OBS: MAR 50 - FEB 79

JUL 16 1979

FEDERAL BUILDING

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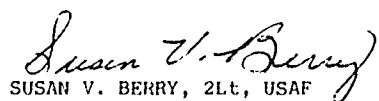
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Scientific & Technical Information Officer

AD A074684

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1
INVENTORY

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19 KEY WORDS (Continue on reverse side if necessary and identify by block number) *RUSSWO Daily temperature Atmospheric pressure Snowfall Extreme snow depth Extreme surface winds Climatology Sea-level pressure Psychrometric summary Surface Winds Extreme temperature Ceiling versus visibility Relative humidity *Climatological data (over)		
20 ABSTRACT (Continue on reverse side if necessary and identify by block number) This report is a six-part statistical summary of surface weather observations for Reese AFB, Lubbock, Texas It contains the following parts: (A) Weather Conditions; Atmospheric Phenomena; (B) Precipitation, Snowfall and Snow Depth (daily amounts and extreme values); (C) Surface winds; (D) Ceiling Versus Visibility; Sky Cover; (E) Psychrometric Summaries (daily maximum and minimum temperatures, extreme maximum and minimum temperatures, psychrometric summary of wet-bulb temperature depression versus dry-bulb temperature, means and standard deviations of dry-bulb, wet-bulb, (over)		

DD FORM 1 JAN 73 1473

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19. Percentqge frequency of distribution tables
Dry-bulb temperature versus wet-bulb temperature
Cumulative percentage frequency of distribution tables

* Texas

* Reese AFB TX

20. and dew-point temperatures and relative humidity); and (F) Pressure Summary (means, standard, deviations, and observation counts of station pressure and sea-level pressure). Data in this report are presented in tabular form, in most cases in percentage frequency of occurrence or cumulative percentage frequency of occurrence tables.

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U S AIR FORCE
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REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and compiled into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV - (DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

MAY _____

AUGUST _____

NOVEMBER _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

ST 6 27000

APPENDIX 4.2 INSTRUMENTATION HISTORY

DATE		DESCRIPTION		AMOUNT		CHECK NO.		BANK		REMARKS	
1	2	3	4	5	6	7	8	9	10	11	12

DATE	TIME	LOCATION	WIND	TEMP	SEA	REMARKS
1974	0000	77	10	77	1	
	0100	77	10	77	1	
	0200	77	10	77	1	
	0300	77	10	77	1	
	0400	77	10	77	1	
	0500	77	10	77	1	
	0600	77	10	77	1	
	0700	77	10	77	1	
	0800	77	10	77	1	
	0900	77	10	77	1	
	1000	77	10	77	1	
	1100	77	10	77	1	
	1200	77	10	77	1	
	1300	77	10	77	1	
	1400	77	10	77	1	
	1500	77	10	77	1	
	1600	77	10	77	1	
	1700	77	10	77	1	
	1800	77	10	77	1	
	1900	77	10	77	1	
	2000	77	10	77	1	
	2100	77	10	77	1	
	2200	77	10	77	1	
	2300	77	10	77	1	
	2400	77	10	77	1	

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U S AIR FORCE
ENVIRONMENTAL TECHNICAL
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A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23021
STATION

REESE AFB TX
STATION NAME

1970, 73-79

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02		1.7	2.6	2.8		7.1	5.0		.2	.7	5.9	423
	03-05		2.3	1.9	2.5		6.5	8.6		.2	.5	9.2	567
	06-08		3.1	3.2	3.2		9.0	13.9		.2	.1	14.1	873
	09-11		2.9	2.3	3.1		8.2	14.8	.2	.6	1.1	16.6	897
	12-14		3.1	1.9	2.6		7.4	10.3	.3	.6	4.3	15.4	909
	15-17		1.8	1.4	2.6		5.3	7.9	.1	.6	5.2	13.8	881
	18-20	.1	1.2	.8	1.8		3.7	5.4		.1	.8	6.3	764
	21-23		2.5	.4	1.9		4.8	5.2			.2	5.4	522
TOTALS		.0	2.3	1.8	2.6		6.5	8.9	.1	.3	1.6	10.8	5836

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

WEATHER CONDITIONS

23021

DEESE AFB TX

8-70, 73-75

FEB

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	00-02	.2	3.3	1.2	4.0		8.0	12.7		.7	.7	14.7	423
	03-05		3.5	1.5	4.2		9.1	14.6		.4	.0	15.7	547
	06-08		3.9	1.4	4.4		8.9	19.3	.3	.6	.4	19.5	799
	09-11		4.0	1.2	2.8		8.6	19.6	.5	.4	1.9	22.0	621
	12-14		3.0	.8	2.8		6.4	10.9	1.0	.4	4.9	16.7	334
	15-17		2.3	.6	1.4		4.2	7.8	1.0	.4	6.0	15.7	610
	18-20		1.8	.6	2.1		4.2	7.5	1.9	.4	2.6	12.1	719
	21-23	.4	2.3	.7	3.2		6.1	8.6	.4	.9	.9	10.3	561
TOTALS		.1	3.0	1.0	3.2		6.9	12.7	.8	.5	2.3	15.8	5514

GLOBAL CLIMATOLOGY SECTION
USAFETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

23021

REESE AFB TX

7-70, 73-76

48

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	00-02		1.6		.3		1.8	2.1				2.1	390
	03-05		1.9	.2	1.5		3.4	3.2		.2		3.4	532
	06-08		3.6	.1	2.4		5.6	7.3	.1	.1	.5	8.5	649
	09-11		1.9		2.3		4.2	6.6	1.0	.8	5.5	14.7	898
	12-14	.4	2.4		2.5		4.3	3.4	.6	.6	13.1	17.6	924
	15-17	.6	2.5	.1	1.3		4.4	3.5	.3	.1	12.3	16.2	895
	18-20	.9	3.0	.1	1.6		4.5	3.4	.5	.1	7.2	11.3	763
	21-23	.4	3.2	.5	.4		4.0	2.5	.2		1.6	4.3	566
TOTALS		.3	2.5	.1	1.6		4.1	4.1	.3	.2	3.2	9.8	5017

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23021
STATION

REESE AFB TX

STATION NAME

7-73, 73-73

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	00-02	.3	1.9				1.9	.3	.3		.3	1.3	373
	03-05	.9	4.2				4.2	4.2	.4		1.1	5.7	527
	06-08	.5	4.0				4.0	10.5	.6		.7	11.5	644
	09-11	.2	4.2		.1		4.3	5.2	.2		6.2	11.7	383
	12-14	.4	3.2				3.2	1.6			11.7	13.2	900
	15-17	2.1	3.4				3.4	1.4	.5		12.0	13.6	873
	18-20	2.7	3.9				3.9	1.1	.4		6.4	7.8	739
	21-23	1.4	2.9				2.9	.5			1.3	1.8	554
TOTALS		1.1	3.5		.0		3.5	3.2	.3		5.0	8.3	5693

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

WEATHER CONDITIONS

23021

REESE AFB TX

7-70, 73-78

DAY

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAY	00-02	3.3	4.1				4.1	1.3	.3			1.5	291
	03-05	1.4	3.9				3.9	4.9	.2			5.1	547
	06-08	.9	2.8				2.8	9.4	1.2		.2	10.2	354
	09-11	.8	3.8				3.9	3.3	.9		1.8	5.9	914
	12-14	.9	1.9				1.9	.9	.7		3.3	4.4	913
	15-17	3.6	3.4			.1	3.4	.1	.2		3.4	3.8	877
	18-20	6.4	3.5			.1	3.5	.4	.3		4.3	5.3	738
	21-23	3.5	2.5				2.5	.4			1.1	1.4	564
TOTALS		2.6	3.3			.2	3.3	2.6	.5		1.8	4.7	5908

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAO

WEATHER CONDITIONS

23021
STATION

REESE AFB TX
STATION NAME

7-73-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	3.7	4.5				4.5	.5				.5	381
	03-05	2.1	3.1				3.1	2.1	.2			2.1	614
	06-08	1.2	1.9				1.9	4.4	.6		.2	5.2	839
	09-11	.4	1.2				1.2	1.8	.6		1.8	3.9	899
	12-14	.4	1.7				1.7	.7	.2		1.3	2.1	900
	15-17	1.5	2.3				2.3	.4	.1		1.5	2.0	857
	18-20	6.3	4.0			.1	4.0				2.3	2.3	728
	21-23	6.6	5.4				5.4				.9	.9	558
TOTALS		2.8	3.0			.1	2.0	1.3	.2		1.0	2.4	5776

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

23021
STATION

REESE AFB TX
STATION NAME

7-7, 73-76
YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	00-02	2.1	3.6				3.6	.8				.8	387
	03-05	1.4	5.9				5.9	2.1	.5			2.5	630
	06-08	1.6	3.4				3.4	7.1	.5			7.6	659
	09-11	.7	4.2				4.2	1.9	.3			2.2	909
	12-14	.7	2.3				2.3	.2	.1		.1	.4	909
	15-17	2.5	2.7				2.7	.1			.2	.3	874
	18-20	3.3	1.4				1.4	.1			.1	.3	730
	21-23	2.8	2.8				2.8						541
TOTALS		1.9	3.3				3.3	1.5	.2		.1	1.8	5839

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

23021
STATION

REESE AFB TX
STATION NAME

7-7, 73-78
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	00-02	2.3	3.3				3.3	.2			.5	.2	397
	03-05	1.6	3.0				3.0	2.0				2.2	337
	06-08	.9	2.2				2.2	7.5	.6			7.7	670
	09-11	.4	2.6				2.6	2.4	.5			2.9	930
	12-14	.6	1.7				1.7	.3	.5		.1	1.0	930
	15-17	3.2	1.7				1.7				.3	.3	887
	18-20	2.8	1.2				1.2				.1	.1	741
	21-23	2.3	1.8				1.8						569
TOTALS		1.8	2.2				2.2	1.7	.2		.1	2.0	5961

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

WEATHER CONDITIONS

23021
STATION

REESE AFB TX
STATION NAME

7-73-78
YEARS

Sep
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	00-02	.3	5.8				5.8	2.2				2.2	360
	03-05	1.6	7.4				7.4	6.1				6.1	618
	06-08	.2	8.6				8.6	20.3	.4		.1	20.7	628
	09-11	.1	7.6				7.6	9.7	.1		.3	10.2	885
	12-14	.8	7.5				7.5	4.6	.1			4.7	885
	15-17	1.7	5.2				5.2	2.9	.1			3.0	858
	18-20	2.3	5.3				5.3	3.0	.4			3.4	703
	21-23	.8	2.8				3.8	2.0	.4			2.4	494
TOTALS		1.0	6.4				6.4	6.4	.2		.1	6.6	5631

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

23021

REESE AFB TX

67-73-78

UCT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING- RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS. WITH OBST TO VISION	TOTAL NO. OF OBS
UCT	00-02		4.0		1.1		5.1	2.2				2.2	372
	03-05	.8	5.4		.6		5.9	5.6				5.6	627
	06-08	1.0	6.0		.7		6.7	12.4	.3		.1	12.7	865
	09-11	.3	5.6		.8		6.2	9.2	.4		.8	10.3	914
	12-14	.3	4.5		.3		5.2	5.3	.2		.7	6.0	918
	15-17	.9	3.5		.2		3.7	2.9	.2		.3	3.5	886
	18-20	.9	3.2		.4		3.2	2.0			.3	2.3	746
	21-23	1.2	2.2		.2		2.4	1.2				1.2	498
TOTALS		.7	4.3		.6		4.8	5.1	.1		.3	5.5	5826

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ IAC

WEATHER CONDITIONS

23021

REESE AFB TX

7-70, 73-74

NOV

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
17	00-02	.6	5.0	.4	2.2		7.5	8.3	.6	.3		9.4	361
	03-05	.6	5.7	.8	1.1		8.1	11.0		.6	.2	11.8	493
	06-08		6.0	.4	1.5		7.7	12.4			.2	12.7	820
	09-11		5.2	.1	2.1		7.1	10.5	.3		1.2	11.8	861
	12-14		3.0		.3		3.7	5.5	.3		2.9	8.6	876
	15-17	.1	3.3		.3		4.1	4.2	.3	.1	2.3	7.2	859
	18-20	.7	4.1	.1	1.1		5.4	5.4	.1	.3	.6	6.2	724
	21-23	.2	4.2		1.5		5.7	7.4		.6		7.4	476
TOTALS		.3	4.6	.3	1.5		6.2	8.1	.2	.3	1.0	9.4	5470

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

23021

REESE AFB TX

7-71-73-78

DEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		1.1		1.3		2.2	1.9			.8	2.7	372
	03-05		.4	.2	2.8		3.2	3.2			.2	3.4	467
	06-08		.5	.9	2.0		3.2	4.9			.6	5.6	610
	09-11		.6	.8	2.3		3.7	5.7		.3	2.7	8.7	865
	12-14		1.3	1.0	2.4		4.7	3.4	.1	.3	6.9	10.8	880
	15-17		.7	1.6	2.3		4.4	3.0	.4	.1	4.0	7.5	825
	18-20	.2	1.2	.6	1.4		3.3	2.7	.2		1.6	4.4	641
	21-23		1.7	.2	1.7		3.4	2.6			.6	3.2	465
TOTALS		.3	.9	.7	2.0		3.5	3.4	.1	.1	2.2	5.8	5325

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ WAC

WEATHER CONDITIONS

23021
STATION

REFSE AFB TX

STATION NAME

7-7, 73-78

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	00-02		1.1		1.3		2.2	1.9			.8	2.7	372
	03-05		.4	.2	2.4		3.2	3.2			.2	3.4	467
	06-08		.5	.9	2.0		3.2	4.8			.6	5.6	510
	09-11		.6	.8	2.3		3.7	5.7		.2	2.7	8.7	865
	12-14		1.3	1.0	2.4		4.7	3.4	.1	.3	6.9	10.8	880
	15-17		.7	1.6	2.3		4.4	3.0	.4	.1	4.0	7.5	825
	18-20	.2	1.2	.6	1.4		3.3	2.7	.2		1.6	4.4	641
	21-23		1.7	.2	1.7		3.4	2.6			.6	3.2	465
TOTALS		.7	.9	.7	2.0		3.5	3.4	.1	.1	2.2	5.8	5325

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERV/TCF/MAC

WEATHER CONDITIONS

23021
STATION

REESE AFB TX
STATION NAME

7-70, 73-79
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.0	2.3	1.8	2.6		6.5	8.9	.1	.3	1.6	10.8	5836
FEB		.1	3.0	1.0	3.2		6.5	12.7	.3	.5	2.3	15.8	5514
MAR		.3	2.5	.1	1.4		4.1	4.1	.3	.2	5.2	9.3	5817
APR		1.1	3.5		.0		3.5	3.2	.3		5.0	8.2	5693
MAY		2.6	3.3			.0	3.3	2.6	.5		1.8	4.7	5908
JUN		2.3	3.0			.0	3.0	1.3	.2		1.0	2.4	5776
JUL		1.9	3.3				3.3	1.5	.2		.1	1.6	5839
AUG		1.3	2.2				2.2	1.7	.2		.1	2.0	5961
SEP		1.0	6.4				6.4	6.4	.2		.1	6.6	5631
OCT		.7	4.3		.6		4.8	5.1	.1		.3	5.5	5826
NOV		.3	4.6	.3	1.5		6.2	8.1	.2	.3	1.0	9.4	5470
DEC		.0	.9	.7	2.0		3.5	3.4	.1	.1	2.2	5.8	5325
TOTALS		1.1	3.3	.3	1.0	.0	4.5	4.9	.3	.1	1.7	6.9	68596

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than 5/8 mile.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

XX WEATHER CONDITIONS
XXXXXXXXXXXXXXXXXXXXXXXXXXXXX
ATMOSPHERIC PHENOMENA

23021
STATION

REESE AFB TX
STATION NAME

20-76
YEARS

ALL
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.8	14.1	4.3	10.0	.2	18.5	16.3	.9	1.2	.6	17.9	883
FEB		.2	17.7	4.7	10.9	.2	22.9	21.1	2.5	1.1	.5	22.3	807
MAR		2.9	15.1	1.7	5.3	.8	16.6	13.5	1.3	.6	1.2	15.4	894
APR		8.6	20.4	.2	.5	1.8	19.1	12.2	1.4		.9	14.0	870
MAY		20.5	30.0			4.2	27.9	13.5	2.6			14.5	888
JUN		19.8	27.3			1.4	25.1	5.6	1.0		.2	6.6	870
JUL		17.2	25.6			.9	24.0	5.8	.5		.1	5.9	884
AUG		16.1	23.9			.4	22.2	9.4	1.5		.1	9.9	895
SEP		10.8	25.8			.7	24.0	23.0	1.5			23.5	858
OCT		6.1	20.0	.1	.8	.2	18.9	18.5	1.7			18.9	888
NOV		1.5	15.7	.9	3.3	.2	16.4	17.6	1.8	.4	.1	18.1	849
DEC		.2	11.8	3.9	6.1		14.4	12.3	1.3	.2	.5	13.4	864
TOTALS		8.7	20.6	1.3	3.1	.9	20.8	14.1	1.5	.2	.3	15.0	10450

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

- * 1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- * 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00"	equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0"	equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0"	equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

Values for means and standard deviations do not include measurements from incomplete months.

- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 47	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

23021 REESE AFB TX 50-79
STATION STATION NAME YEARS

	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	MEAN			GREATEST	LEAST	
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4						
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120						
JAN	77.2	14.1	1.2	2.6	.9	2.1	1.2	.3	.3					9.6	659	.54	2.54	TRACE	
FEB	72.7	14.8	1.8	2.4	2.4	3.7	1.0	.8	.3					12.5	616	.73	2.17	TRACE	
MAR	79.6	10.6	1.0	2.5	1.8	1.9	1.5	.7	.4					9.9	680	.64	2.45	TRACE	
APR	75.7	10.6	1.3	2.4	1.7	2.4	4.3	.9	.8					13.7	634	1.17	2.98	.00	
MAY	62.1	15.0	1.5	4.6	3.1	4.2	4.3	2.9	2.2					22.9	646	2.67	8.80	.11	
JUN	67.1	13.2	1.7	3.2	1.7	3.7	4.6	3.8	1.0					19.7	630	2.08	4.97	.18	
JUL	67.1	12.4	1.2	4.7	2.2	4.8	2.5	3.1	1.7	.3				20.5	644	2.45	7.47	.08	
AUG	71.3	11.2	1.2	2.8	2.5	4.0	2.0	3.7	1.4					17.5	651	2.02	6.57	.01	
SEP	69.1	10.9	1.4	3.8	2.6	2.6	3.8	3.5	2.2					20.0	624	1.68	6.98	TRACE	
OCT	73.5	9.6	1.1	2.9	.9	4.6	2.9	2.3	1.9	.2				16.9	646	2.12	6.10	.00	
NOV	80.4	10.1	1.3	2.7	1.4	2.1	1.1	.6	.2					9.5	623	.50	1.64	TRACE	
DEC	82.5	10.4	.9	1.4	1.9	1.4	1.3	.2						7.1	636	.32	1.68	TRACE	
ANNUAL	73.2	11.9	1.3	3.0	1.9	3.1	2.5	1.9	1.0	.0				14.9	7689	16.92			

1210 WS FORM JUL 64 0-15.5 (OLI)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES PRECIPITATION

(FROM DAILY OBSERVATIONS)

23021 REESE AFB TX 50-79
STATION STATION NAME YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50			TRACE	.46	1.04	.37	.39	1.05	1.22	.17	.01	.08	
51	.35	.56	.66	.08	1.85	.62	1.52	2.34	.59	.38	TRACE	TRACE	2.34
52	.50	.08	.02	.46	.26	.82	1.43	.70	.85	.00	.31	.02	1.43
53	.33	.10	.34	.40	.38	.31	2.16	.79	.04	1.84	.02	.03	2.86
54	TRACE	TRACE	TRACE	1.37	1.88	.60	.25	.57	TRACE	1.31	TRACE	.16	1.88
55	.25	TRACE	.15	.48	.28	.68	.36	.06	.96	1.70	.47	TRACE	1.70
56	.01	.46	TRACE	.24	.85	2.17	.51	.13	.73	.50	TRACE	.47	2.17
57	.01	.23	.40	1.55	2.40	1.89	.19	1.26	.39	1.37	.80	.08	2.40
58	1.23	.25	.70	1.02	2.02	.31	1.72	.60	1.73	.35	1.17	TRACE	2.02
59	TRACE	.08	TRACE	.13	1.06	1.75	.95	.46	.36	.45	.01	.76	1.75
60	.73	.51	.64	.30	.48	2.17	2.71	.01	.82	3.00	TRACE	.50	3.00
61	.51	1.81	.39*	.00									
62													
63													
64										* .00			
65													
66													
67													
68													
69	*TRACE	1.18*	1.17	1.05*	1.22	.63*	1.37	.89*	1.86	1.95*	.64*	.11	1.95
70	*TRACE*	.09	1.05	.72*	.45	.72*	.03	.63*	.81	.74*	.03*	.06	1.05
71	*TRACE*	.02	.09	.50	.66	1.10*	.73	2.19*	2.26*	.53*	.10*	.50	* 2.26
72	* .01*	.07	.02	TRACE*	1.77	.74*	1.85	1.98*	2.00*	.55*	.46*	.20	* 2.00
73	* .50*	.39	1.00	.77*	.67	.09*	1.39	.71*	.38*	.22*	.01*	TRACE	* 1.39
74	* .04*	.02	1.54	.38*	.91	.13*	.64	1.72*	2.09*	1.95*	.42*	.20	* 2.09
75	* .30	.57	.04	.15	.99	.64	1.30	1.33	.65	.01	1.00	.24	1.33
76	TRACE	.04	.15	1.37	.07	.46	1.50	1.52	1.28	1.21	.32	TRACE	1.52
77	.20	.09	.72	.98	2.11	.61	.20	.88	.04	.98	.07	TRACE	2.11
78	.49	.54	.10	.16	1.56	1.40	.77	.18	1.70	.80	.68	.29	1.70
79	.12	.88											
MEAN	.315	.434	.381	.599	1.118	.877	1.144	.952	.757	.966	.324	.175	2.068
S.D.	.344	.487	.434	.462	.755	.635	.844	.686	.555	.810	.407	.234	.484
TOTAL OBS.	459	616	680	634	646	620	644	651	624	646	623	635	7689

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY PRECIPITATION

(FROM DAILY OBSERVATIONS)

22021 REESE AFB TX

50-79

STATION

STATION NAME

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50			TRACE	.78	2.74	.85	3.28	2.83	4.61	.17	.01	.08	
51	.35	.81	.66	.18	5.03	1.27	1.57	3.80	1.02	.74	TRACE	TRACE	15.43
52	.88	.09	.02	2.31	.68	2.67	3.02	.92	1.03	.00	.59	.02	12.23
53	.33	.19	.90	.71	.55	.31	3.30	1.54	.04	3.23	.02	.03	11.15
54	TRACE	TRACE	TRACE	1.79	4.16	.60	.25	1.78	TRACE	2.23	TRACE	.20	11.01
55	.60	TRACE	.15	.58	1.15	2.32	1.37	.15	2.54	4.33	.50	TRACE	13.73
56	.01	1.41	TRACE	.38	2.68	4.70	.85	.26	.75	.82	TRACE	.48	12.34
57	.01	.74	.92	2.86	8.80	1.59	.46	1.99	.48	3.18	1.64	.08	24.75
58	2.54	.30	2.45	1.73	3.77	.56	3.05	.64	3.20	1.04	1.31	TRACE	20.59
59	TRACE	.13	TRACE	.13	2.50	4.07	3.28	.48	.69	1.43	.01	1.51	14.23
60	1.02	1.15	.78	.30	.70	4.97	7.47	.01	.92	5.32	TRACE	1.68	24.32
61	.80	2.17	.71*	.00									
62													
63													
64													
65										* .00			
66													
67													
68													
69	*TRACE	1.40*	1.35	1.83*	4.22	1.39*	1.83	2.51*	6.98	6.10*	.80*	.28	*28.69
70	*TRACE*	.19	1.66	.82*	1.63	1.51*	.08	.82*	2.57	1.46*	.03*	.06	*10.83
71	*TRACE*	.02	.09	1.34	1.11	2.99*	1.40	6.57*	6.57*	1.11*	.19*	1.03	*22.42
72	*.02*	.08	.02	TRACE*	3.69	2.08*	5.48	4.64*	3.56*	2.07*	.72*	.20	*23.58
73	*1.74*	.98	1.71	1.94*	.86	.13*	3.43	1.76*	.90*	.78*	.01*	TRACE	*14.29
74	*.07*	.03	1.90	.54*	1.23	.27*	1.23	5.25*	6.50*	3.70*	1.04*	.46	*22.22
75	*.67	1.49	.08	.36	2.37	1.38	4.00	2.18	2.33	.01	1.33	.39	*16.59
76	TRACE	.04	.16	2.85	.11	.80	3.81	1.99	3.87	2.19	.82	TRACE	16.64
77	.44	.30	1.05	2.98	3.60	2.51	.22	2.16	.04	2.74	.08	TRACE	16.12
78	.95	1.09	.26	.16	2.77	3.59	.77	.24	3.62	1.08	1.24	.38	16.15
79	.20	1.06											
MEAN	.542	.728	.644	1.170	2.673	2.077	2.447	2.025	1.876	2.122	.503	.323	16.053
S.D.	.667	.659	.742	.993	2.177	1.513	1.952	1.778	1.548	1.824	.609	.542	4.582
TOTAL OBS.	659	616	680	634	646	630	644	651	624	646	623	636	7689

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-60-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

23021 REESE AFB TX 50-79
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	88.1	8.0	1.0	.6	.9	.6	.4		.1		.1			3.9	674	3.7	27.3	.0
FEB	87.5	6.7	.6	2.4	1.0	.8		.6	.2		.2			5.8	616	4.4	21.2	TRACE
MAR	93.4	4.3	.4	.7	.4	.1	.1	.1	.1	.1				2.4	678	1.3	17.2	.0
APR	99.1	.9													634	TRACE	TRACE	.0
MAY	100.0														646	.0	.0	.0
JUN	100.0														629	.0	.0	.0
JUL	100.0														644	.0	.0	.0
AUG	100.0														651	.0	.0	.0
SEP	100.0														624	.0	.0	.0
OCT	99.1	.6				.2		.2						.3	646	.5	8.9	.0
NOV	95.4	2.9	.2	.2	.8	.3	.2		.2					1.7	651	1.6	10.9	.0
DEC	92.3	5.0	.8	.6	.5	.3	.3	.3						2.7	666	1.7	10.6	.0
ANNUAL	96.2	2.4	.2	.4	.3	.2	.1	.1	.0	.0	.0			1.4	7759	13.2		

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOWFALL

(FROM DAILY OBSERVATIONS)

23021 REESE AFB TX

50-79

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
50			TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	
51	3.0	3.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.0
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
53	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
54	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	5.8	5.8
55	1.1	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	2.0	.0	2.0
56	.0	5.1	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	5.1
57	TRACE	TRACE	1.5	TRACE	.0	.0	.0	.0	.0	.0	7.7	.0	7.7
58	17.0	TRACE	7.0	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	17.0
59	TRACE	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	.7
60	3.5	5.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.1
61	3.0	13.1	4.0*	.0									
62													
63													
64										* .0			
65													
66													
67													
68											*TRACE*	.3	
69	* .0	.4*	11.7	.0*	.0	.0*	.0	.0*	.0	.0*	*TRACE*	.5	* 11.7
70	*TRACE*	.7*	2.6	TRACE*	.0	.0*	.0	.0*	.0	TRACE*	TRACE*	.0	* 2.6
71	*TRACE*	3.0	.9	.0	.0*	.0*	.0	.0*	.0*	.0*	*TRACE*	5.0	* 5.0
72	* .4*	1.0	TRACE	.0*	.0	.0*	.0	.0*	.0*	.0*	*TRACE*	2.0*	* 2.0
73	* 2.7*	7.0	.0	TRACE*	.0	.0*	.0	.0*	.0*	.0*	.3*	.0	* 7.0
74	* .3*	TRACE	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0*	.2	* .3
75	* 3.0	3.4	.4	TRACE	.0	.0	.0	.0	.0	.0	.0	2.7	3.4
76	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	5.7	4.0	TRACE	5.7
77	4.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.0
78	3.5	6.0	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	6.0
79	TRACE	6.0											
MEAN	2.34	2.92	.79	TRACE	.00	.00	.00	.00	.00	.34	.91	1.07	4.87
S.D.	4.364	4.538	1.751	.000	.000	.000	.000	.000	.000	1.382	2.184	1.856	4.332
TOTAL OBS.	674	616	678	634	646	629	644	651	624	646	651	666	7759

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES
MONTHLY SNOWFALL

(FROM DAILY OBSERVATIONS)

23021 REESE AFB TX

50-79

STATION

STATION NAME

YEARS

TOTAL MONTHLY SNOWFALL IN INCHES

MONTH YEAR	JAN.	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50			TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	
51	3.0	5.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.0
52	.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE
53	TRACE	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
54	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	7.4	7.4
55	1.1	TRACE	1.5	.0	.0	.0	.0	.0	.0	.0	2.0	.0	4.6
56	.0	14.6	.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	14.6
57	TRACE	TRACE	1.5	TRACE	.0	.0	.0	.0	.0	.0	10.9	.0	12.4
58	27.3	TRACE	17.2	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	44.5
59	TRACE	1.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.1	1.2
60	5.1	7.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	10.6	22.8
61	5.2	21.2	4.2*	.0									
62													
63													
64										* .0			
65													
66													
67													
68											*TRACE*	.3	
69	* .0	.4*	11.7	.0*	.0	.0*	.0	.0*	.0	.0*	*TRACE*	.8	* 12.9
70	*TRACE*	.7*	3.6	TRACE*	.0	.0*	.0	.0*	.0	TRACE*	TRACE*	.0	* 4.3
71	*TRACE*	3.0	.9	.0	.0*	.0*	.0	.0*	.0	.0*	*TRACE*	7.8	* 11.7
72	* .5*	1.3	TRACE	.0*	.0	.0*	.0	.0*	.0*	*TRACE*	4.0*	.5	* 6.3
73	* 7.5*	9.2	.0	TRACE*	.0	.0*	.0	.0*	.0*	.0*	.3*	.0	* 17.1
74	* .3*	TRACE	.0	.0*	.0	.0*	.0	.0*	.0*	.0*	.0*	.2	* .5
75	* 4.0	5.6	.8	TRACE	.0	.0	.0	.0	.0	.0	.0	3.9	* 14.3
76	TRACE	TRACE	TRACE	.3	.0	.0	.0	.0	.0	8.9	10.9	TRACE	19.6
77	5.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	6.4
78	8.1	9.2	.5	.0	.0	.0	.0	.0	.0	.0	TRACE	1.0	18.8
79	TRACE	8.1											
MEAN	3.65	4.41	1.33	TRACE	.00	.00	.00	.00	.00	.52	1.59	1.67	12.45
S.D.	7.066	6.092	3.868	.000	.000	.000	.000	.000	.000	2.159	3.316	3.226	12.186
TOTAL OBS.	674	616	678	634	646	629	644	651	624	646	651	666	7759

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

23021 REFSE AFB TX 50-79
STATION STATION NAME YEARS

	AMOUNTS (INCHES)													PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	.06-.10	.11-.25	.26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00			MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	90.5	3.6	2.5	1.2	1.3	.3	.4							5.7	759			
FEB	88.0	3.7	2.7	2.0	1.4	1.0	.7	.3						8.2	694			
MAR	95.9	1.8	1.2	.4	.3	.3	.1							2.2	765			
APR	100.0														740			
MAY	100.0														763			
JUN	100.0														742			
JUL	100.0														754			
AUG	100.0														764			
SEP	100.0														729			
OCT	99.6	.1		.1		.1								.3	762			
NOV	97.9	.4	.4	.4	.1	.6	.1							1.7	723			
DEC	94.6	3.2	1.1	.5	.3	.4								2.2	758			
ANNUAL	97.2	1.1	.7	.4	.3	.2	.1	.0						1.7	8953			

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

23021
STATION

REESE AFB TX
STATION NAME

50-79
YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50			0	0	0	0	0	0	0	0	0	2	
51	3	5	0	0	0	0	0	0	0	0	1	TRACE	5
52	0	TRACE	0	0	0	0	0	0	0	0	0	0	TRACE
53	0	1	0	0	0	0	0	0	0	0	0	0	1
54	TRACE	0	TRACE	0	0	0	0	0	0	0	0	6	6
55	1	0	TRACE	0	0	0	0	0	0	0	2	0	2
56	0	12	0	0	0	0	0	0	0	0	0	0	12
57	TRACE	TRACE	2	0	0	0	0	0	0	0	8	0	8
58	10	0	7	0	0	0	0	0	0	0	0	TRACE	10
59	TRACE	1	0	0	0	0	0	0	0	0	0	0	1
60	4	6	1	0	0	0	0	0	0	0	0	6	6
61	3	18	2	0*	0	0*	0*	0*	0*	0*	0*	0*TRACE	18
62	*TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0*	0	*TRACE
63	*	1*	3*	0*	0*	0*	0*	0*	0*	0*	0*	0*TRACE	*TRACE
64										*	0		
65													
66													
67												*	2
68	*	1	2	2	0	0	0*	0	0	0	0*	0*	0
69	*	0	TRACE*	5	0*	0	0*	0	0*	0	0*	0*	0
70	*	0*	0	1	0*	0	0*	0	0*	0	0*	0*	0
71	*	0*	2	TRACE	0	0	0*	0	0*	0*	0*	0*	5
72	*	1*	1	0	0*	0	0*	0	0*	0*	0*	1*TRACE	* 1
73	*	3*	3	0	0*	0	0*	0	0*	0*	0*	0*	0
74	*	0*TRACE	0	0*	0	0*	0	0*	0*	0*	0*	0*TRACE	*TRACE
75	*	3	5	TRACE	0	0	0	0	0	0	0	0	3
76	TRACE	TRACE	0	0	0	0	0	0	0	0	4	6	0
77	4	1	0	0	0	0	0	0	0	0	0	0	4
78	3	7	1	0	0	0	0	0	0	0	0	TRACE	7
79	2	6											
MEAN	2.0	3.6	.8	.0	.0	.0	.0	.0	.0	.2	1.1	1.1	5.3
S.D.	2.726	5.066	1.631	.000	.000	.000	.000	.000	.000	.943	2.475	2.167	3.772
TOTAL OBS.	759	694	765	740	763	742	754	764	729	762	723	758	8952

NOTE * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OIA)

U.S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRDL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and, or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

SURFACE WINDS

(FROM DAILY OBSERVATIONS)

23021 REESE AFB TX STATION NAME

50-79 YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50													
51													
52	WSW*31N	50WNW	56S	49N	56SSE	05NNE	36NNW	36ENE	26NNE	31NW	36N	38	SSE 65
53	W	43SSW	48SW	43WNW	55S	47SSW	62SSE	56WSW	33NNE	42SSE*49N	36N	52	SSE 62
54	S	31NW	54SW	*52N	45SSE	36SS	43SSE	34SSE	45SSE	30SSW	36SSW	33NNW	46 NW 54
55	W	40SW	38W	44W	50N	40N	60SSE	37NNE	37SE	37N	37W	45NNE	40 N 60
56	NNW	41N	55N	46W	50SSE	49NNE	56ENE	38NNE	34NE	40WNW	47NNW	49WSW	37 NNE 56
57	SW	40N	31NNW	48S	50S	48WNW	35ENE	31SSE	32NNE	24SW	43N	35W	52 W 52
58	W	40WNW	47W	32NNW	51S	47NE	41WSW	49NNW	26NE	30N	38W	50WSW	35 NNW 51
59	WSW	45WSW	56N	61WNW	52SSE	44N	50NNE	43NE	37NW	37NE	33WNW	37WSW	39 N 61
60	SW	45W	*58W	64SW	38S	47W	54N	37SSW	28SSW	43N	38SW	44WSW	42 W 64
61	N	41SW	37WSW	47WSW*29									
62													
63													
64	NW	44WSW	*38WSW	41W	46ESE*48W	47NE	38ESE	39N	36NNW	40NE	*36SW	*38	ESE*48
65	W	*53W	38W	49WSW	52WSW	50ENE	37S	36NNW	40WSW	34SSW	38WNW	44SW	34 W *53
66	N	*32SW	31W	48NE	39NNE*41S	49ESE	25ENE	38N	36NNW	37WSW	33N	42	S 49
67	NNW	52ENE	43SSW	46SW	44NE	42NE	43N	34N	30S	32N	39W	42W	*44 NNW 52
68	N	40N	35N	41WSW	48W	57ESE	5936/	5333/	3116*	2817/	37 1/	3425/	50 ESE 59
69	27/	4526/	5125*	4323/	4028/	4923/	4819*	2916/	30 5/	3524/	35 1/	3430/	42 26/ 51
70	28*	3830*	41 1*	3424/	50 2/	4126/	4020*	2928/	4522*	3335*	4529*	3731/	48 24/ 50
71	27/	3925/	4530/	4916/	4523/	6029/	42 7/	4027/	2618*	2725*	4330/	4028/	39 23/ 60
72	28/	4128/	3527/	3727/	4016/	56 1*	42 2*	5120/	5129*	45 3*	3327/	3725*	50 16/ 56
73	34/	4527/	3924*	4023/	6220*	4625/	3616/	3525/	5136/	3319*	3325*	4536*	45 23/ 62
74	29/	3935/	4625*	3926/	5223/	42 3/	4226/	48 5*	4235/	4116/	29 3/	2930*	33 26/ 52
75	23/	51 4/	3926/	5118/	4919/	5027/	48 3/	3633/	32 7/	3319/	3125/	59 1/	34 25/ 59
76	2/	5428/	5123/	5226/	4028/	3634/	42 6/	4010/	4636/	35 1/	34 4/	35 1/	40 2/ 54
77	3/	4430/	5326/	5625/	4725/	4826/	5032/	3432/	4617/	3227/	3534/	4228/	56 26/ 56
78	34/	3725/	3616/	4921/	5432/	4818/	43 3/	4917/	3712/	28 2/	34 1/	30 1/	37 21/ 54
79	1/	3826/	36										
MEAN	42.5	43.2	48.0	47.9	47.3	47.5	39.5	37.0	34.8	36.5	39.2	42.3	55.9
S.D.	5.180	7.966	7.630	5.698	6.497	8.485	7.639	7.474	4.621	4.221	7.268	6.561	3.516
TOTAL OBS.	752	713	731	721	722	709	724	722	570	709	694	707	8574

NOTES * (BASED ON LESS THAN FULL MONTHS)
\$ (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)
USAF ETAC FORM 0-88-5 (OLA) JUL 84

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX

STATION NAME

70, 75-79

YEARS

JA-J

MONTH

ALL WEATHER
CLASS

0000-0200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.4	.5	1.9	.7	.7		.2				6.9	11.6
NNE	.9	.2	.5	2.4	.5		.5	.2				5.2	13.5
NE	1.2	.7	1.7	1.9		.7						5.7	9.1
ENE	.5	.2	1.7	.5								2.8	8.2
E	.5	1.7	1.2	.2								3.5	6.7
ESE	.9	.5	1.2	1.2								3.8	7.9
SE	1.2	1.4	2.4									5.0	5.8
SSE	.2	2.6										2.9	4.8
S	1.9	3.3	2.6	.5								8.3	6.0
SSW	.9	2.8	2.8	1.4								8.0	7.2
SW	.7	2.6	2.6	2.1	.2							8.3	8.3
WSW	2.8	2.8	3.3	.2								9.2	5.4
W	1.7	4.7	1.7	.9	.5							9.5	7.1
WNW	.9	1.2	.7	.7								3.5	6.1
NW	.5	1.4	.7	1.2	.2							4.0	8.0
NNW	.2	1.2	.7	.2								2.4	5.8
VARBL													
CALM												11.1	
	16.5	28.8	24.1	15.4	2.1	.9	.5	.5				100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX

STATION NAME

68-70, 73-79

YEARS

JAN

MONTH

ALL WEATHER

CLASS

0300-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	1.1	.9	2.6	.5	1.1	.5					7.9	13.2
NNE	.7	1.1	.7	2.6	.4		.4					5.8	10.9
NE	.4	.7	1.2	.4								2.6	7.7
ENE	.7	1.1	1.1	.5								3.4	6.8
E	.7	1.6	.7	.2								3.2	5.6
ESE	.2	.7	.7	.7								2.3	7.7
SE	.9	1.2	.2									2.3	3.9
SSE	.7	1.6	.7									3.0	5.1
S	.9	2.1	1.6	.7								5.3	6.4
SSW	1.1	1.9	2.6	1.1								5.9	7.1
SW	.7	3.4	2.3	1.2								7.6	7.3
WSW	1.9	2.8	3.2	.9								8.5	6.4
W	3.7	3.0	3.0	1.8	.2							11.6	6.2
WNW	1.2	2.5	1.4	.9	.5	.4						6.9	8.1
NW	1.6	2.3	.5	.9								5.3	6.1
NNW	.4	2.6	.9	.4	.4	.2						4.8	7.9
VARBL													
CALM												12.3	
	16.9	29.6	21.9	14.8	1.9	1.6	.9					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

567

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25021
STATION

REESE AFB TX

STATION NAME

41-70, 73-79

YEARS

JAN

MONTH

ALL WEATHER

CLASS

0600-0800

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.2	2.5	3.6	1.1	.7	.1					10.6	11.4
NNE	.6	1.3	1.4	1.1	.6	.2	.1					5.3	10.5
NE	.2	.7	1.1	.7								2.7	8.0
ENE	.5	.5	.7	.1								1.8	6.0
E	.2	1.3	.6	.2								2.4	6.1
ESE	.2	.8	.7	.2								2.0	6.9
SE	.7	.7	.2									1.6	4.3
SSE	1.1	1.3	.4	.2								2.9	4.9
S	1.5	1.8	.9	.2								4.5	5.3
SSW	.9	2.4	1.5	1.2	.1							6.1	7.2
SW	1.8	2.9	3.3	1.2	.1							9.3	7.0
WSW	1.5	3.3	2.4	1.5								8.7	6.8
W	2.2	4.4	1.8	1.1								9.4	5.6
WNW	1.8	2.4	1.4	1.3	.2	.1						7.6	7.6
NW	.4	2.0	1.3	.4	.2	.1						4.4	7.8
NNW	1.1	1.5	1.6	.2	.2							4.7	6.7
VARBL													
CALM												16.0	
	16.1	28.5	21.8	13.6	2.6	1.2	.2					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

R50

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX

STATION NAME

AN-70, 73-79

YEARS

JAN

MONTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.8	1.4	2.3	4.8	1.3	.8						12.5	11.2
NNE	.2	.8	2.5	1.0	.4	.4	.2					5.6	11.6
NE	.2	1.1	1.9	1.1	.1	.1						4.6	9.1
ENE	.1	.8	1.2	.2	.2							2.6	8.5
E	.6	.8	1.2	.8	.2							3.6	8.3
ESE	.2	.6	.2									1.0	5.1
SE	.1	.7	.4	.3								1.6	7.5
SSE	.2	1.3	1.7	.1								3.3	6.7
S	.9	2.0	1.7	1.2	.1							5.9	7.6
SSW	1.2	1.2	3.0	2.6	.1							8.1	8.8
SW	1.1	1.9	3.7	3.0	.2							9.9	8.9
WSW	.6	1.9	1.9	2.8	.4							7.4	9.1
W	.8	2.1	3.2	2.2	.8	.4						9.6	10.0
WNW	.3	1.4	1.6	2.6	.4	.1	.2					6.7	11.1
NW	.9	1.7	2.2	1.4	.6	.2						7.0	9.1
NNW	.2	1.0	1.1	1.6	.4	.1	.1					4.6	11.2
VARBL													
CALM												6.1	
	9.5	20.7	29.9	25.5	5.5	2.2	.6					100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

897

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 STATION REESE AFB TX STATION NAME 62-70, 73-79 YEARS JAN MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.0	3.0	4.2	1.4	.7	.7					11.4	13.2
NNE	.2	.7	2.4	1.0	.7	.7	.2					5.8	12.7
NE	.3	.7	1.1	.4	.3		.1					3.0	9.9
ENE	.3	1.2	1.0	.9								3.4	7.9
E	.5	.9	1.7	.8								3.9	8.0
ESE	.4	.7	.7	.3								2.1	6.7
SE	.1	.8	.9	.6								2.3	8.1
SSE		.7	1.3	.2								2.2	8.2
S	.8	1.7	3.5	2.9	.3							9.1	9.4
SSW	.3	1.0	3.0	4.2	.4	.2						9.2	11.4
SW	.6	1.0	2.3	4.2	.9	.1	.1	.1				9.2	12.1
WSW	.4	.9	2.3	4.2	1.3	.3						9.5	12.4
W	.2	1.8	1.7	2.1	1.9	1.3						8.9	13.2
WNW	.5	1.3	1.3	1.5	1.7	.8	.2					7.8	12.5
NW	.1	.9	1.3	1.3	.4	.1						4.6	11.1
NNW	.1	1.3	1.2	1.2	.2	.2						4.3	10.3
VARBL													
CALM												3.2	
	5.8	16.3	28.6	30.9	9.5	4.2	1.3	.1				100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 STATION REESE AFB TX STATION NAME 68-70, 73-79 YEARS JAN NORTH
ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.8	2.2	3.0	1.9	.3	.1					9.6	12.2
NNE	.1	.9	1.4	1.8	.5	.2	.1					5.6	13.3
NE	.3	.8	1.0	.8		.1						3.1	8.8
ENE	.2	1.2	.9	.6								3.0	7.4
E	1.0	.3	1.5	.3								3.3	6.6
ESE	.2	.6	1.5	.2								2.5	7.2
SE	.1	1.1	.5	.8								2.5	8.1
SSE	.2	.9	1.1	.9								3.2	8.2
S	.3	.7	4.0	5.2	.7							11.0	11.1
SSW	.6	1.6	3.1	4.2	.9	.2						10.6	10.8
SW	.5	.6	2.7	4.0	1.5	.5						9.6	12.4
WSW	.2	1.6	2.3	2.5	1.5	.1						8.2	11.4
W	.3	2.3	2.3	3.6	1.7	1.0	.5					11.7	12.9
WNW		.6	1.2	1.5	1.0	.6						4.9	12.6
NW	.9	.8	.9	.9	.2							3.7	8.0
NNW	.5	1.2	1.2	1.2								4.2	8.3
VARBL													
CALM												3.4	
	5.9	17.0	27.7	31.8	9.9	3.5	.7					100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 881

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23021 REESE AFB TX STATION NAME ALL WEATHER CLASS 70-79 YEARS NORTH 1800-2000 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	1.2	2.1	.3	.1						6.7	8.5
NNE	.5	1.3	2.1	.7	.3	.7						5.5	10.2
NE	.4	.7	.9	.5	.3							2.7	8.8
ENE	.1	1.3	1.0	.1								2.6	6.5
E	.7	1.4	2.0	.4								4.5	6.7
ESE	.3	1.0	2.0	.8								4.1	8.2
SE	.5	1.8	3.5	.3								6.2	7.0
SSE	1.2	3.8	1.7	.3								6.9	5.5
S	.8	6.3	7.2	2.2								16.5	7.5
SSW	1.0	3.3	3.4	.9	.1							8.8	7.2
SW	1.2	2.0	2.7	1.6	.1							7.6	7.6
WSW	.8	3.0	1.3	.5								5.6	6.2
W	1.2	2.6	1.8	1.0	.1	.3	.1					7.2	7.7
WNW	.4	.9	1.4	.4								3.1	7.3
NW		.9	.1	.4		.1						1.6	8.8
NNW	.5	.8	.5									1.8	5.3
VARBL													
CALM												8.6	
	10.9	32.9	33.0	12.2	1.2	1.2	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 764

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23021 STATION NAME REESE AFB TX YEARS 70, 73-79 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 1800-2000
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.7	1.2	2.1	.3	.1						6.7	8.5
NNE	.5	1.3	2.1	.7	.3	.7						5.5	10.2
NE	.4	.7	.9	.5	.3							2.7	8.8
ENE	.1	1.3	1.0	.1								2.6	6.5
E	.7	1.4	2.0	.4								4.5	6.7
ESE	.3	1.0	2.0	.8								4.1	8.2
SE	.5	1.8	3.5	.3								6.2	7.0
SSE	1.2	3.8	1.7	.3								6.9	5.5
S	.6	6.3	7.2	2.2								16.5	7.5
SSW	1.0	3.3	3.4	.9	.1							8.8	7.2
SW	1.2	2.0	2.7	1.6	.1							7.6	7.6
WSW	.8	3.0	1.3	.5								5.6	6.2
W	1.2	2.6	1.8	1.0	.1	.3	.1					7.2	7.7
WNW	.4	.9	1.4	.4								3.1	7.3
NW	.9	.1	.4			.1						1.6	8.8
NNW	.2	.8	.5									1.8	5.3
VARBL													
CALM												8.6	
	12.9	32.9	32.0	12.2	1.2	1.2	.1					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 764

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX

STATION NAME

66-70, 73-79

YEARS

JAN

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.7	1.3	1.0	.2	.2						5.2	8.5
NNE	.2	2.3	1.3	.2	.6	.2						4.8	8.7
NE		.2	1.3	.4	.2							2.1	10.7
ENE	.4	1.0	1.7	.4	.2	.2						3.8	8.4
E	.5	2.1	1.5	.4								5.0	7.1
ESE	.4	1.5	1.5									3.4	6.3
SE	.4	3.3	2.7	.6								6.9	7.0
SSE	.8	4.2	2.5	.6								8.0	6.6
S	.2	4.6	5.2	1.5	.2							11.7	7.9
SSW	.6	3.6	4.2	1.1								9.6	7.4
SW	2.3	3.4	3.3	.2								9.2	5.8
WSW	1.3	3.4	1.0	1.0	.2							6.9	6.6
W	.4	2.5	2.1	1.1	.4							6.5	8.0
WNW	.5	1.5	1.3									3.4	5.4
NW	.2	.4	1.1	.4								2.1	8.4
NNW	.4	.8	.4									1.5	4.8
VARBL													
CALM												9.8	
	9.2	36.6	32.8	9.2	1.9	.6						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

522

GLOBAL CLIMATOLOGY PROGRAM
USAFETAC
AIR WEATHER SERVICE/IAAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION: 23021 R-ESE AFB TX STATION NAME: YEARS: 68-70, 72-79 MONTH: JAN
CLASS: ALL WEATHER HOURS (L.S.T.): ALL
CONDITION:

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.4	1.9	3.1	1.0	.2	.2	.0				9.3	11.6
NNE	.4	1.0	1.7	1.3	.5	.4	.2	.0				5.5	11.5
NE	.2	.7	1.3	.7	.1	.1	.0					3.3	9.0
ENE	.2	.9	1.1	.4	.1	.2						2.9	7.5
E	.5	1.2	1.3	.5	.0							3.6	7.0
ESE	.2	.8	1.0	.4								2.5	7.2
SE	.4	1.3	1.2	.2								3.2	6.7
SSE	.3	1.9	1.2	.3								3.9	6.3
S	.9	2.6	3.3	2.0	.2							9.0	8.2
SSW	.5	2.1	2.9	2.3	.3	.1						8.5	8.8
SW	1.1	2.0	2.9	2.4	.4	.1	.0	.0				9.0	9.1
WSW	1.0	2.3	2.2	1.9	.5	.1						8.0	8.6
W	1.2	2.8	2.2	1.9	.8	.5	.1					9.4	9.4
WNW	.7	1.4	1.3	1.4	.6	.2	.1					5.8	9.9
NW	.6	1.3	1.1	.9	.2	.1						4.2	8.6
NNW	.4	1.3	1.0	.7	.2	.1	.0					3.7	8.4
VARBL													
CALM												8.3	
	10.7	25.1	27.6	20.6	4.9	2.2	.6	.1				100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 5813

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23021 PERSE ARR TX STATION NAME YEARS 7-79 MONTH FEB
CLASS ALL WEATHERS HOURS 0000-0200
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5	1.7	1.7	.2							4.5	8.8
NNE	.2	1.2	1.4	1.2	.5							4.5	9.6
NE	.7	2.1	.7	2.1	.2	.2						6.1	9.2
ENE		1.4	.5	.7	.2							2.8	9.0
E		1.7	.5	.2								2.4	6.4
ESE	.5	1.4	.9	.2								3.1	6.7
SE	.5	1.4	2.1	.2								4.3	7.1
SSE	.7	1.9	1.4									4.0	5.5
S	.9	5.0	1.9	.5	.2							8.5	6.3
SSW	1.4	6.4	4.5	1.7								13.9	6.6
SW	.9	4.0	2.8	.9								8.7	6.7
WSW	.8	3.8	3.8	.2								8.7	6.5
W	.2	4.0	2.5	.5	.5		.2					8.3	7.9
WNW	.7	3.3	.9	.7								5.7	6.1
NW	.2	2.1	.2									2.6	5.5
NNW	.2	1.7	.9	.2	.5	.2						3.8	9.6
VARBL													
CALM												8.0	
	9.2	41.8	27.2	10.6	2.4	.5	.2					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23021 REFERENCE TX STATION NAME YEARS 70-79-79 MONTH FEB
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	.9	1.6	1.4	.5	.4						6.6	10.0
NNE	.2	.9	1.5	2.3		.4						4.9	10.3
NE	.4	1.3	.9	1.3	.4	.2						4.4	5.7
ENE		.5	1.1	.4								2.0	8.6
E	.4	.4	.2									.9	4.0
ESE	.4	.7	.5	.2								1.8	6.3
SE	.5	.5	.5	.9								2.6	7.8
SSE	.2	2.6	1.1									3.8	5.8
S	1.3	2.0	.4	.5								4.2	6.5
SSW	2.6	2.2	1.6	1.3	.5							8.4	7.0
SW	2.5	5.5	3.1	2.2								12.8	6.8
WSW	2.2	3.7	1.6	.7								8.4	5.7
W	1.5	3.7	3.8	.4	.4	.4						9.9	7.3
WNW	1.3	2.6	2.0	1.1	.2							7.7	6.6
NW	.9	2.0	1.3	1.3								5.5	7.2
NNW	.9	1.3	.4	.5		.9						3.7	9.0
VARBL													
CALM												12.4	
	16.6	30.7	21.6	14.4	2.0	1.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 547

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

25021
STATION

REESE AFB TX
STATION NAME

60-70, 73-79
YEARS

FEB
MONTH

ALL WEATHER
CLASS

0900-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	1.5	1.7	1.2	.6	.3	.3					7.6	9.9
NNE	.4	1.0	.8	1.3	.5	.3						4.5	12.2
NE	.5	.9	1.3	1.0	.1							4.6	8.9
ENE	.3	1.0	1.0	.1								2.4	6.8
E	.8	1.3	.3	.3								2.6	5.7
ESE		.9	.9	.1								1.9	7.4
SE	.6	.9	.9	.3								2.7	6.1
SSE	.5	.8	.3	.5								2.1	6.4
S	.9	.9	1.3	.8								3.9	7.0
SSW	.6	2.1	1.2	1.0								4.9	7.0
SW	1.8	2.6	3.6	1.0								9.0	6.6
WSW	2.2	3.3	1.8	.9								8.2	5.9
W	2.4	4.2	2.1	.5	.5	.1						9.9	6.4
WNW	2.3	2.3	3.0	.4	.4							8.4	6.4
NW	1.9	2.8	2.1	.4	.4							7.6	6.3
NNW	.6	2.2	.6	.3		.1						3.9	6.3
VARBL													
CALM												15.8	
	17.5	28.8	22.8	10.5	2.6	1.4	.3					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS

777

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 STATION R-FSE AFB TX STATION NAME ALL WEATHER CLASS 70,73-79 YEARS FEB MONTH 0900-1100 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.7	3.2	3.4	1.3	.7	.1					11.2	11.8
NNE	.2	1.0	1.7	1.7	1.3	.1						6.1	11.7
NE	.2	1.0	1.3	1.2	.2	.1						4.6	9.4
ENE	.0	1.0	1.3	1.0								3.9	8.0
E	.4	1.0	.2	.5								2.1	6.9
ESE	.1	.2	1.2	.2	.2							2.3	10.0
SE	.5	1.0	1.5	.7								3.7	7.5
SSE	.4	.6	.7	.6								2.3	7.7
S	.5	1.5	1.6	1.2	.1							5.1	8.8
SSW	.7	.5	1.8	1.6	.1							4.8	9.2
SW	.7	1.2	2.9	3.7	.6	.1						9.3	10.4
WSW	.5	1.5	3.3	2.4	.5		.2					8.4	9.8
W	1.5	2.2	2.8	2.7	.7	.5	.1					10.5	9.9
WNW	1.0	1.2	2.3	2.2	1.1	.1	.4					8.3	11.3
NW	.6	1.2	2.3	1.3	.5							5.0	9.2
NNW	.4	1.7	2.1	1.3	.2	.2	.1	.1				6.2	10.0
VARBL													
CALM												5.4	
	9.0	13.4	31.1	26.1	7.1	1.9	1.0	.1				100.0	9.4

TOTAL NUMBER OF OBSERVATIONS 821

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

RIESE AFB TX

STATION NAME

63-70, 73-79

YEARS

FEB

MONTH

ALL WEATHER
CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.7	2.6	4.1	1.6	.7	.2					11.3	13.0
NNE	.2	1.1	1.4	2.0	1.0	.1						5.9	11.7
NE	.7	1.0	1.1	1.9	.5							5.2	10.2
ENE	.4	.8	2.5	.8								4.6	8.5
E	.2	.8	.8	.2								1.9	6.9
ESE	.6	.4	.3	.7								2.2	8.0
SE	.4	.5	1.0	1.2								3.6	8.6
SSE	.1	.7	1.2	1.1								3.1	8.8
S	.4	1.1	2.1	2.4	.6							7.6	10.3
SSW	.4	.7	2.4	3.0	1.3							7.8	11.6
SW	.1	1.1	2.3	4.9	1.1	.2		.1				9.8	12.7
WSW	.5	.6	1.2	2.5	1.6		.1					6.5	12.8
W	.4	1.7	2.8	4.6	2.2	1.3	.4	.2				13.4	13.9
WNW	.0	.4	1.8	1.3	.5	.3	.5					5.5	12.8
NW	.2	.6	1.4	1.4	.1							4.0	10.3
NNW	.4	1.4	1.2	1.1	.2	.1						4.4	9.5
VARBL													
CALM												3.4	
	5.9	13.5	25.7	33.2	10.6	3.1	1.2	.4				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 834

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE-FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

28021 REFSE SER TA 70, 75-79 FEB NORTH
STATION STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	.4	2.0	2.5	4.4	.9	.7						11.0	11.5
NNE	.7	1.1	1.2	2.3	.9							5.9	10.5
NE	.2	.4	1.6	1.3	.6	.1						4.4	11.0
ENE	.6	.6	1.2	.6	.1							2.2	8.1
E	.1	.5	1.5	.2								2.3	7.8
ESE	.4	.7	.7	.7								2.6	8.0
SE	.1	.5	.9	1.6								3.1	10.4
SSE	.1	1.1	1.1	1.2								3.6	8.8
S	.4	1.1	.7	4.6	.4							7.2	11.3
SSW	.4	1.1	2.7	3.8	.9	.1						8.6	11.2
SW	.5	.9	1.9	4.1	1.1	.2		.2				8.9	12.8
WSW	.1	.9	2.2	3.5	1.5	.7		.1				9.0	13.4
W	.2	1.4	2.5	5.1	2.2	.7	.4	.2				12.7	14.1
WNW	.7	.5	1.1	2.3	.2	.3	.4					5.4	12.6
NW	.1	1.5	2.1	1.1	.4							5.2	9.4
NNW	.2	.9	.9	.6	.4	.4						3.3	10.7
VARBL													
CALM												3.5	
	5.4	15.1	24.9	36.7	9.5	3.5	.7	.6				100.0	11.1

TOTAL NUMBER OF OBSERVATIONS 810

GLOBAL CLIMATOLOGY SECTION
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX

STATION NAME

68-70, 73-79

YEARS

FEB

MONTH

ALL WEATHER

CLASS

1600-2000

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-53	≥56	%	MEAN WIND SPEED
N	1.1	2.8	1.4	1.3	.3	.1						7.0	7.7
NNE	1.1	1.5	1.3	1.1	.4							5.4	8.2
NE	.3	1.3	1.8	1.5	.7	.1						3.7	10.3
ENE	.4	1.0	2.1	1.0	.4							4.0	9.5
E	.1	1.4	3.1	.6								5.1	8.1
ESE	.4	1.3	1.3	.6								3.5	7.6
SE	.6	1.5	1.5	.7								4.9	7.1
SSE	.6	3.5	2.1	.4								6.5	6.7
S	.7	5.7	5.1	1.1	.1							12.8	7.1
SSW	.3	2.6	3.6	1.7	.1							8.3	8.3
SW	1.7	3.3	1.5	1.8								8.3	6.6
WSW	.1	2.8	1.9	.8	.3	.1						6.1	8.6
W	1.3	2.4	1.9	1.7	.4	.3						7.9	8.5
WNW	.1	1.3	.7	.4	.1	.4	.4	.1				3.6	13.0
NW		1.0	.1	.1		.1						1.4	7.8
NNW	.4	.7	1.0	.4	.1	.1						2.8	8.7
VARBL													
CALM												5.7	
	9.5	33.9	30.7	15.2	3.1	1.4	.4	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS

719

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 STATION REESE AFB TX STATION NAME 6-70, 72-79 YEARS FEB MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNOTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.5	1.8	.7	.2							5.5	7.7
NNE	.5	1.6	.5	.4	.5							3.6	8.1
NE	1.1	1.8	.5	.2	.4							4.6	7.6
ENE	.4	1.4	1.8	1.6	.7							5.9	9.9
E		2.9	2.9	.2								6.6	7.9
ESE	.2	2.0	1.2	.4	.2							3.9	7.4
SE	.4	3.2	1.4	.4								5.3	6.1
SSE	1.1	3.2	3.0									7.3	5.9
S	1.8	7.8	3.7	.7								14.1	6.0
SSW	1.1	3.4	4.5	.7								9.6	7.0
SW	1.1	2.7	3.2	1.2								8.2	7.1
WSW	.5	2.7	2.0	.7	.2							6.1	7.1
W	.5	3.2	1.8	.4	.2	.2						6.2	7.1
WNW	.2	.5	.5	.4	.2		.4	.2				2.3	13.8
NW	.4	1.1	.4	.2								2.0	5.9
NNW	.4	.7	.7	.4	.2	.4						2.7	17.3
VARBL													
CALM												6.1	
	9.5	40.6	29.9	9.2	2.7	.5	.4	.2				100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 561

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX

STATION NAME

55-70, 73-79

YEARS

FED

NORTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.6	2.3	2.5	.8	.5	.1					8.6	10.8
NNE	.5	1.2	1.2	1.5	.7	.2						5.2	10.6
NE	.5	1.1	1.5	1.5	.4	.1						4.9	9.6
ENE	.4	.9	1.5	.6	.2							3.8	8.6
E	.3	1.2	1.1	.4								2.6	7.2
ESE	.3	.9	.9	.5	.1							2.6	7.8
SE	.5	1.1	1.3	.8								3.7	7.6
SSE	.4	1.7	1.3	.6								3.9	7.0
S	.8	2.8	2.3	1.8	.2							7.7	8.0
SSW	.8	2.0	2.7	1.9	.4	.6						7.8	8.7
SW	1.1	2.4	2.6	2.7	.4	.1		.1				9.3	9.1
WSW	.8	2.2	2.2	1.7	.6	.1	.1	.0				7.7	9.1
W	1.1	2.7	2.5	2.2	1.0	.5	.1	.1				10.2	10.3
WNW	.9	1.4	1.6	1.1	.4	.2	.3	.0				6.0	10.0
NW	.6	1.5	1.4	.8	.2	.6						4.5	8.1
NNW	.4	1.3	1.0	.7	.2	.3	.0	.0				3.9	9.3
VARBL													
CALM												7.3	
	10.1	26.0	27.2	21.2	5.5	1.2	.6	.2				100.0	8.5

TOTAL NUMBER OF OBSERVATIONS

5492

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAJ

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23021 REESE AFB TX STATION NAME ALL WEATHER YEARS 67, 69-70, 73, 75-78 MONTH MAR
CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.1	.5	1.8	1.1							4.5	12.1
NNE	.3	1.8	1.3	.5	.8							4.7	9.3
NE	.3	.8	1.1	1.1								3.2	8.9
ENE		.3	1.3	.5								2.1	9.1
E		1.3	1.1	.5								3.2	7.8
ESE		.5	3.4	1.3								5.3	10.0
SE	.2	3.4	3.9	.5								8.4	7.7
SSE	.5	1.6	1.8	.8		.3						5.0	8.3
S	.8	4.7	6.1	1.8	.5	.3						14.5	8.5
SSW	.5	2.4	5.6	2.9								11.6	8.6
SW	1.3	1.8	3.7	1.1								7.9	7.2
WSW	.3	1.3	2.1	1.1								5.3	7.6
W	.2	2.6	2.9	3.2	.5							9.5	9.4
WNW	1.6	2.1	1.6	1.1								6.3	6.8
NW	.5	1.1	.3	1.1								2.9	6.6
NNW	.3	.5		.5	.8							2.1	11.6
VARBL													
CALM												3.7	
	7.6	27.4	36.6	20.3	3.7							100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 380

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23021 STATION NAME REESE AFB TX YEARS 67-70, 73-76 MONTH MAR
CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.1	.8	1.3	1.3							6.2	10.0
NNE	.9	.4	.8	1.3	.6	.2						3.9	10.2
NE		.4	.8	1.1	.2							2.3	11.5
ENE	.8	.9		1.1								2.8	7.9
E	.4	1.3	1.7	.2								3.8	7.4
ESE	.8	1.7	.4	.2								2.3	5.3
SE	.4	.9	1.3	1.3								3.9	8.8
SSE	.6	3.0	.2	.3								4.5	6.1
S	1.7	3.8	3.0	1.3	.8	.2						10.7	7.7
SSW	1.3	3.8	3.0	1.9								10.0	7.1
SW	1.5	3.2	3.4	1.9								10.0	7.2
WSW	1.7	2.4	2.1	1.9	.8	.2						9.0	8.5
W	2.3	3.6	2.8	1.9	.4	.2						11.1	7.4
WNW	.9	2.3	.9	1.1	.4							5.6	7.4
NW	.4	2.1	.8	.8								3.9	6.9
NNW	.6	1.1	.9	.6								3.2	7.0
VARBL													
CALM												6.2	
	14.7	32.9	22.6	18.6	4.3	.5						100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 532

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 STATION REFSE AFB TX STATION NAME 7-70, 73-78 YEARS MONTH 16
ALL WEATHER CLASS 760.0-1800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.9	1.4	3.0	.5	.2						8.4	10.2
NNE	.4	.5	1.1	1.7	.6	.4	.1					4.7	12.5
NE	.2	.6	1.0	.6	.1	.1						2.9	8.8
ENE	.1	.8	.6	.0	.1							2.5	9.3
E	.5	.5	1.6	1.0								3.5	8.5
ESE	.4	.5	1.2	.0								2.6	8.0
SE	.2	.5	1.2	1.2								3.1	9.5
SSE	.4	1.4	1.0	.5								3.2	6.9
S	1.0	1.1	3.2	1.6	.7							7.5	9.0
SSW	1.0	2.9	2.4	1.6	.2							8.0	7.9
SW	1.9	3.3	2.4	.5								8.5	6.1
WSW	1.4	2.7	3.5	1.0		.1						8.7	7.1
W	1.6	4.4	4.8	1.1	.4	.1	.1					12.4	7.6
WNW	.3	1.8	2.3	.5	.5	.1						6.1	8.3
NW	.7	1.1	1.4	.1								3.3	6.1
NNW	.1	1.3	1.2	.5	.2							4.1	6.9
VARBL													
CALM												10.5	
	12.5	25.3	30.1	16.5	3.7	1.1	.2					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 837

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REFSE AFB TX

STATION NAME

57-70, 73-78

YEARS

MONTH

ALL WEATHER

0300-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.7	2.3	3.6	.8	1.1	.2					9.6	13.3
NNE	.3	.3	1.6	2.4	.2	.2						5.8	12.9
NE	.1	.1	1.6	1.6	.6							4.1	11.7
ENE	.2	.6	1.4	.9	.1							3.2	9.0
E	.2	1.0	1.2	.7	.1							3.2	8.3
ESE	.1	.3	1.2	.6	.1							2.6	8.6
SE	.1	.6	1.3	1.0	.3							3.2	10.6
SSE		.2	1.2	1.1	.6	.1						3.3	13.0
S	.1	1.2	1.8	4.6	2.0	.5						10.0	12.8
SSW	.2	1.1	3.2	4.2	1.8	.2						10.3	12.0
SW		.7	3.2	2.7	.9	.1		.1				7.7	11.9
WSW	.1	.7	2.8	2.2	1.2	.4	.2	.2				7.7	13.6
W	.6	1.3	3.0	4.3	1.7	1.1	.4	.1				13.1	13.4
WNW	.2	.7	1.2	1.8	1.0	.7	.2					5.8	13.6
NW	.1	.2	.8	.8	.9	.2	.1	.1				3.6	16.0
NNW	.3	.4	.8	1.2	.6	.2						3.6	12.0
VARBL													
CALM												2.4	
	3.3	10.1	29.1	34.4	19.0	5.4	1.2	.6				100.0	12.2

TOTAL NUMBER OF OBSERVATIONS

896

GLOBAL CLIMATOLOGY DIVISION
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23021 REESE AFB TX STATION NAME 47-70, 75-78 YEARS MONTH 1200-1400
CLASS ALL WEATHER HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.5	1.6	2.5	.9	1.4						3.2	12.2
NNE	.3	.9	1.4	1.7	1.2	.7						5.8	12.4
NE	.2	.5	1.6	1.6	.1	.1						4.2	10.2
ENE	.2	.2	1.0	1.3								2.7	10.0
E	.3	1.1	1.1	1.0	.3							3.0	9.0
ESE		.5	.2	1.1								1.5	10.2
SE	.2	.1	.5	.6	.3							1.0	11.1
SSE		.2	1.4	1.2	1.1	.1	.2					4.2	14.2
S	.4	1.7	1.8	4.8	3.0	.4	.1					12.3	12.9
SSW	.3	1.0	1.9	4.8	.5	.3	.1					9.2	12.3
SW	.5	.6	2.5	2.9	1.3		.3	.2				9.2	12.0
WSW	.1	.5	1.9	2.6	1.6	1.0	.6	.9	.2			10.5	12.4
W		.9	2.8	4.5	3.1	1.3	.9					14.1	15.8
WNW	.2	.4	.8	1.2	.6	.4	.1					4.0	14.1
NW	.3	.2	1.0	.6	.6	.1	.1					3.0	12.2
NNW		1.1	1.3	.6	.4	.1	.1	.2				4.0	12.4
VARBL													
CALM												.3	
	3.4	11.6	23.2	39.3	15.5	8.	2.7	1.3	.2			100.0	13.5

TOTAL NUMBER OF OBSERVATIONS 924

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23021 REESE AFB TX STATION NAME YEARS 67-70, 73-78
CLASS ALL WEATHER MONTH 1500-1700
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	.8	2.9	1.8	.7	.1					6.2	14.2
NNE	.5	.9	1.3	1.7	1.5	.7	.2					6.8	13.7
NE		.6	.4	.4	.4	.1						2.0	11.6
ENE	.1	.9	.4	.9								2.3	8.7
E	.1	1.5	1.8	.7	.5							4.4	8.8
ESE	.1	1.1	.8	.8	.1							2.5	8.9
SE	.1	.2	.8	1.3	1.0	.1						3.6	13.7
SSE	.4	.7	.8	1.5	1.1	.8						4.6	13.0
S	.2	1.6	2.8	5.7	1.8	.1	.2					12.4	12.9
SSW	.2	.8	2.9	3.8	2.5	.1	.1					9.2	13.3
SW	.2	.8	2.5	4.6	1.2	.8	.2	.1				9.8	13.3
WSW	.2	.4	2.2	2.8	2.5	1.5	1.1	.2				10.3	16.8
W	.6	.8	2.9	3.8	3.4	.8	1.5	.1				13.5	15.9
WNW	.2	.6	1.2	1.6	.4	1.1	.1					5.3	14.3
NW	.5	.4	1.1	1.0	.2	.1						3.2	10.2
NNW	.1	.4	.8	1.5	.4		.2					3.2	13.0
VARBL													
CALM												1.7	
	3.5	11.5	21.8	32.0	18.5	5.7	3.8	.4				100.5	13.3

TOTAL NUMBER OF OBSERVATIONS 895

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX
STATION NAME

67-70, 72-78
YEARS

1500-2000
HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

SPEED (KNTS) DIR:	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.0	2.1	2.5	.3	.7		.1				7.3	11.8
NNE	.7	.7	1.6	2.8	1.3	.8						7.5	12.3
NE		.4	.5	.6	.1	.1						2.0	11.0
ENE	.1	.7	.7	.9	.3							2.6	9.3
E	.4	1.3	2.0	1.6								4.7	8.6
ESE	.4	1.0	1.3	1.2	.1							4.6	8.7
SE	.3	2.2	1.6	1.7								3.9	8.3
SSE	.3	2.4	2.1	2.5	.7	.3						3.1	10.1
S	.3	3.7	4.2	3.6	.9	.1						13.0	9.8
SSW	.1	1.3	2.5	3.0	.3	.3						7.5	10.4
SW	.4	1.7	1.8	3.3	.4	.1						7.7	10.4
WSW	.3	2.2	3.0	1.4	.3	.3						7.5	9.3
W	.5	1.7	2.8	2.5	1.4	.7	.3	.1				10.0	12.2
WNW	.3	.8	.6	.9	.5	.3	.3					4.1	13.1
NW	.5	.5	.5	.5	.4	.1						2.6	10.0
NNW	.3	.4	.3	.5	.1							1.6	9.0
VARBL													
CAIM												3.5	
	5.4	22.0	28.2	29.4	7.1	3.7	.5	.3				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS 763

GLOBAL CLIMATOLOGY SECTION
USAFETAC
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

RESE AFS TX

STATION NAME

67-70, 73-78

YEARS

MONTH

210-2300

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	1.1	.7	1.0	.5							4.6	8.1
NNE	.7	1.1	1.0	1.3	.7							5.4	9.2
NE	.2	.5	.7	1.0								3.2	10.5
ENE	.2	.4	1.4	.4	.2							2.5	9.0
E		2.0	3.2	1.4								5.7	6.8
ESE		.9	1.8	2.0	.2							4.9	10.2
SE	.7	2.0	3.2	2.3								10.3	8.6
SSE	.7	2.0	3.0	1.6	.4	.2						4.5	8.8
S	1.1	4.5	3.0	4.5	.5	.2						15.7	9.2
SSW	.5	2.7	3.2	.9								7.4	7.4
SW	.5	1.1	1.8	.7								4.1	7.8
WSW		2.9	2.5	.7								6.1	7.4
W	.2	2.3	1.8	.9								7.2	8.0
WNW	.5	1.3	.7	1.1	.4	.7						4.5	11.0
NW		.7	.7	.5								2.0	9.2
NNW	.5	.5	.2									1.3	4.3
VARBL													
CALM												6.3	
	6.7	25.9	35.1	21.8	2.9	1.4						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS

856

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 57-70, 73-78
STATION STATION NAME YEARS MONTH
ALL LEATHER
CLASS
CONDITION
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.2	1.4	2.3	.9	.1	.1	.0				7.3	12.2
NNE	.5	.7	1.3	1.3	.9	.4	.1					5.7	12.2
NE	.2	.5	1.0	1.1	.2	.1						3.3	10.6
ENE	.2	.6	.8	.9	.1							2.6	8.2
E	.3	1.2	1.7	.6	.1							4.1	8.5
ESE	.2	.8	1.2	.9	.1							3.1	8.9
SE	.3	1.0	1.6	1.2	.3							4.4	8.5
SSE	.3	1.3	1.4	1.3	.6	.2	.0					5.3	10.4
S	.6	2.4	3.2	3.8	1.5	.3	.1					11.9	10.7
SSW	.5	1.8	2.8	3.1	.8	.2	.0					9.1	10.4
SW	.7	1.5	2.5	2.4	.6	.2	.1	.1				8.2	11.5
WSW	.5	1.5	2.5	1.3	1.0	.1	.3	.2				8.5	12.5
W	.7	2.0	3.1	2.9	1.6	.7	.5	.1				11.4	12.3
WNW	.5	1.1	1.2	1.2	.5	.2	.1					5.1	11.5
NW	.4	.7	.9	.7	.3	.1	.0	.0				3.1	10.2
NNW	.3	.7	.7	.6	.3	.1	.1	.0				3.0	10.2
VARBL													
CALM												4.2	
	6.6	19.1	27.5	27.2	9.7	4.1	1.3	.4				100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 5785

GLOBAL CLIMATELOGY SP4104
USAFETAC
AIR WEATHER SERVICE/TA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021
STATION

RESE 15P TA
STATION NAME

67-70, 73, 75-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

0500-0700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.1	.5	.5	1.1							5.9	10.8
NNE	.5	.5	.5									1.3	5.0
NE			.5	1.3								2.1	11.2
ENE	.5	.5	.5									1.3	6.2
E		2.1	3.8	.5								5.2	7.8
ESE	.5	2.9	1.9									5.4	5.8
SE	.5	2.7	3.2	2.1	.5							9.1	8.4
SSE	1.1	2.4	4.3	3.2	.5	.5						12.3	9.9
S	.5	2.9	6.0	3.2	.5	.5						20.6	10.4
SSW	.5	3.8	4.6	.5								9.4	7.4
SW	1.1	1.3	1.1	.5	.5	.5						4.8	8.7
WSW	.5	.8	.5	1.1	.5							3.5	8.8
W	.5	1.9	2.1	.5								5.1	6.7
WNW		2.4	1.3	.5								4.0	6.6
NW	.5	.5	.5	.5								2.7	7.4
NNW		.5		1.1	.5							2.1	11.9
VARBL													
CALM												6.2	
	7.2	26.5	33.8	20.6	4.6	1.1						100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

373

GLOBAL CLIMATE DATA SEARCH
USAFETAC
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23021 STATION NAME RCESE APP TX YEARS 67-70, 73-78 APX APX
 CLASS ALL WEATHER HOURS (L.S.T.) 0300-0500
 CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.6	1.7	2.8	.4							5.7	10.5
NNE	.4	.4	.6	.4	.4							2.5	10.5
NE	.4	.9	1.5	.2		.2						3.6	7.9
ENE	.4		.9	.6								2.3	9.3
E		1.3	2.3									3.6	7.2
ESE	.4	.9	1.1									2.5	6.2
SE	.2	.9	2.8	1.1								5.7	8.0
SSE	1.5	2.5	3.0	1.9	.8							9.7	8.4
S	1.5	5.1	5.1	4.4	.6	.2						18.9	8.6
SSW	1.5	4.7	4.2	2.1								12.5	7.1
SW	1.2	3.0	1.9	.6	.2							7.0	6.3
WSW	.6	.8	1.3	.4								3.0	6.7
W	.2	2.8	2.1	1.1	.2	.2						6.6	8.4
WNW	.4	2.5	.9	.6		.2						4.7	7.3
NW	.9	1.1	.9	.4								2.4	6.4
NNW	.6	1.1	.2	.9	.2							3.0	7.9
VAPBL													
CALM												7.2	
	11.3	28.8	30.7	18.0	2.7	.2						100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 527

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 AP.
STATION STATION NAME YEARS MONTH
ALL WINDS CLASS 0000-0800
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.1	1.5	2.4	.7	.1						6.1	11.3
NNE	.4	.1	.0	1.2	.0							2.5	11.4
NE		1.6	1.1	1.1	.1							3.8	8.5
ENE	.1	.6	1.5	.5	.2							2.9	9.4
E	.1	1.3	2.1	1.5								5.0	8.0
ESE	.4	.9	1.0	.7								2.9	7.8
SE	.7	1.3	2.1	1.3	.1							5.6	8.11
SSE	1.2	1.2	2.3	1.7	.2							6.7	8.2
S	1.2	3.1	4.7	4.4	1.2	.1						14.7	9.5
SSW	.7	1.8	2.3	2.4	.7							8.6	9.5
SW	.6	1.5	2.2	1.3	.1	.1						3.9	9.6
WSW	.7	1.6	1.6	1.2	.1							5.3	7.7
W	1.0	3.5	2.9	1.3	.5	.4						9.7	8.3
WNW	.7	1.7	1.6	.9	.4							5.5	7.8
NW	.4	1.3	1.7	.9		.1						4.4	8.2
NNW	.5	.6	.7	.6	.2		.1					2.8	10.0
VARBL													
CALM												7.1	
	9.1	23.4	30.6	23.5	5.4	.5	.1					100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 417

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23021 STATION NAME REESE AFB TX YEARS 57-70, 73-78 MONTH APR
CLASS ALL WEATHER HOURS (L.S.T.) 0700-1100
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.4	1.6	2.0	2.0	.5	.2					9.5	13.7
NNE		.6	1.1	1.9	.2							3.9	11.2
NE	.1	.2	1.1	1.7	.1	.1						3.4	11.3
ENE		.2	1.7	.3	.7							2.9	11.7
E	.2	.6	1.4	1.9	.3							4.4	10.7
ESE		.7	.5	1.1								2.3	9.9
SE	.2	.2	1.1	2.8								4.4	10.9
SSE	.3	.3	.9	4.1	.9							6.6	12.6
S	.1	.8	2.9	7.2	3.7	.4	.1					15.5	13.7
SSW	.2	.6	2.6	4.2	2.0	.1						9.7	12.8
SW	.1	.2	1.8	2.4	.6	.1						5.2	12.4
WSW	.2	.6	.9	2.0	1.0	.6	.2					5.5	14.4
W	.2	1.0	2.2	3.2	1.7	.9	.6	.1				9.9	14.5
WNW	.3	.3	1.7	2.2	.8	.7	.6					6.7	14.2
NW	.2	.6	1.5	1.5	.7	.3						4.9	12.0
NNW	.3	.3	2.0	2.2	.3	.1						5.3	10.7
VARBL													
CALM												.9	
	3.1	8.7	25.0	40.8	15.2	4.4	1.7	.1				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 403

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX

STATION NAME

57-79, 73-78

YEARS

4P

MONTH

ALL WEATHER

CLASS

1200-1400

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.2	1.1	1.2	.4	1.3						5.3	13.7
NNE	.2	1.2	.9	1.4	.2							4.4	9.4
NE	.1	.7	1.2	.9	.5							3.2	10.2
ENE		.7	1.4	.9								3.0	9.3
E	.1	.9	.9	2.0	.1	.1						4.1	10.5
ESE	.2	.2	.6	1.0	.4							2.4	11.5
SE	.2	1.2	1.4	1.1	.1	.1						4.2	9.8
SSE	.6	.6	3.3	3.1	1.3	.3						9.2	11.5
S	.3	1.0	2.3	10.3	2.9	.5		.1				17.6	13.4
SSW	.3	.9	2.0	3.1	.9	.3	.1					7.7	12.1
SW		.6	1.4	2.2	1.3	.7	.4	.1				6.8	15.7
WSW	.1	.7	1.7	3.1	1.9	1.3	1.1	.2				10.3	17.1
W	.1	.7	1.9	3.1	1.6	1.1	1.1					9.6	16.3
WNW		.7	1.1	.8	1.3	.8	.3					4.8	15.3
NW	.1	.2	.4	1.1	.6	.1						2.6	13.4
NNW		.2	.3	1.4	.7	.4						3.1	15.2
VARBL													
CALM												1.6	
	2.4	11.6	22.1	37.3	14.1	7.3	3.1	.4				100.0	13.3

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 57-70, 73-78 AP
STATION MONTH
ALL WEATHER CLASS 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.6	1.3	1.2	.5	.7						4.8	13.1
NNE	.3	.5	.8	.8	.3							2.5	10.1
NE	.2	.3	.6	.7		.1						2.1	9.7
ENE	.3	.5	1.5	1.0	.1	.1						3.6	9.8
E	.1	.6	1.7	1.1	.2							3.8	9.9
ESE		.7	1.4	.9	.2							3.2	9.9
SE	.1	.6	1.1	2.2	.6	.1						4.7	11.9
SSE	.5	.7	1.6	3.7	2.2	.3						9.0	13.3
S	.1	1.1	3.7	9.0	3.3	.7						15.0	13.5
SSW	.2	.5	2.2	4.0	1.8	.8						9.3	13.7
SW	.1	.2	2.3	2.5	2.9	1.7	.5	.1				10.3	15.6
WSW		.5	2.7	2.1	1.4	1.9	.9	.2				9.7	16.7
W	.3	.3	1.5	2.4	1.7	1.0	.7	.1				8.9	16.8
WNW		.2	.6	.8	.7	.2						3.2	16.3
NW	.1		.5	.8	.2	.2						1.8	13.6
NNW	.1	.2	.7	.7	.7	.3	.1					3.1	14.9
VARBL													
CALM												1.3	
	3.1	7.4	23.8	34.0	16.8	10.2	2.2	.5				100.0	12.7

TOTAL NUMBER OF OBSERVATIONS 873

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

RESE AFB TX
STATION NAME

67-70, 73-78
YEARS

APR
MONTH

ALL WEATHER
CLASS

1000-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.7	.8	2.2	1.4							3.1	12.7
NNE	.3		1.1	.3	.5	.3						2.4	13.1
NE	.1	.3	1.1	.9		.5						2.7	10.5
ENE	.3	1.5	1.4	.4								4.1	7.9
E	.4	1.1	2.3	1.9	.1							7.4	9.2
ESE	.5	.8	1.5	1.4								4.2	8.0
SE	.3	1.6	2.0	3.5	1.1	.3						4.4	11.6
SSE	.4	1.9	3.1	4.7	2.0	1.1						14.2	12.8
S	.4	1.6	7.7	5.2	2.7	.4						18.0	11.6
SSW	.1	1.6	1.5	2.0	1.1	.3						6.6	11.2
SW	.4	1.1	2.4	2.8	.3		.1					7.2	13.4
WSW	.4	.9	2.0	1.3	1.5	.7	.3					9.0	13.3
W	.4	.3	.9	1.1	1.1	.4	.4					6.6	14.3
WNW		.4	.5	.7	.7	.4						2.7	14.6
NW	.1	.5	.4	.1	.1	.1						1.5	8.5
NNW	.1	.7	.7	.8	.3	.1						2.7	10.7
VARBL													
CALM												2.3	
	4.5	15.0	28.8	31.0	13.3	4.2	.8					100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

739

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-78

YEARS

APR
MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	1.1	.9	1.1	.4	.2						4.2	10.0
NNE	.4	.2	.7	.2	.5							2.0	10.5
NE	.2	.7	.9	.4								2.2	7.9
ENE		.9	1.8	.2	.2							2.1	8.6
E	.4	2.3	3.4	.5								7.0	7.9
ESE	.3	3.8	2.1	2.0		.2						9.6	7.9
SE		4.0	4.2	3.3	.5	.2						12.4	8.5
SSE	.7	1.8	4.3	5.2	1.3	1.1						14.4	11.7
S	.2	3.8	6.7	7.2	.5	.2						12.6	10.0
SSW	1.3	2.3	2.0	1.1	.4							7.0	7.6
SW	.2	1.3	.9	.5	.2							3.1	8.1
WSW	.2	2.2	1.6	.4	.2							4.5	7.3
W	.5	1.1	.7	.5		.2						3.4	7.1
WNW	.2	.9	1.1	.4								2.5	7.9
NW	.2	.7	.2	.2								1.3	5.9
NNW		.5	.2	.4	.2	.2						1.4	11.5
VARBL													
CALM												3.1	
	2.8	27.6	32.7	24.4	4.3	2.2						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

554

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-78

YEARS

APR

MONTH

ALL

CLASS

ALL

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.0	1.2	1.7	.9	.3	.0					5.6	12.4
NNE	.3	.5	.8	1.0	.4	.						2.8	10.5
NE	.2	.6	1.0	.9	.1	.1						2.8	9.7
ENE	.2	.6	1.4	.7	.2	.0						3.3	9.4
E	.2	1.1	2.0	1.4	.1	.						4.3	9.2
ESE	.3	1.1	1.2	1.0	.1	.						3.7	9.5
SE	.3	1.4	2.0	2.2	.4	.1						4.4	9.9
SSE	.7	1.2	2.6	3.5	1.2	.4						9.7	11.4
S	.5	2.2	4.6	7.2	2.2	.4	.0	.0				17.2	11.8
SSW	.5	1.7	2.5	2.7	1.0	.2	.0					8.7	10.6
SW	.4	1.0	1.8	1.8	.9	.4	.2	.0				6.5	12.2
WSW	.3	1.0	1.7	1.7	1.0	.7	.4	.1				6.8	12.7
W	.5	1.4	1.8	1.9	1.0	.7	.4	.0				7.7	13.0
WNW	.2	1.0	1.1	.9	.6	.4	.1					4.4	12.0
NW	.3	.6	.6	.8	.2	.2						2.9	10.2
NNW	.2	.5	.7	1.1	.4	.2	.0					3.1	11.5
VARBL.													
CALM												3.4	
	5.4	16.6	27.5	30.4	10.7	4.5	1.2	.2				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

5666

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 67-70, 75-78 DAY MONTH
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0000-2400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.0	2.8	.8	.5							4.1	2.2
NNE	1.0	1.0	.8	.5								3.4	7.5
NE	.8	1.0	.8	.3	.5	.3						3.3	8.5
ENE	.3	1.3	.3	.3								2.3	6.8
E		1.3	3.6	1.5								6.4	4.2
ESE	.5	1.3	4.9	1.5	.3							8.7	9.5
SE	.3	5.1	2.3	2.6	.5							11.3	7.4
SSE	1.0	3.3	3.8	3.6	1.0	.2						13.0	9.6
S	.8	4.1	5.1	6.9	1.5	.3						13.7	10.4
SSW	.3	2.3	2.8	2.0	.8							8.7	3.2
SW		1.5	.5									2.0	5.3
WSW		.5	1.0	.5								2.0	3.6
W	1.0	1.5	1.3	.3								4.1	5.0
WNW	.3	.3	1.5									2.1	6.6
NW		1.5	.5		.3							2.3	7.1
NNW	.3	.5	.3	.3								1.3	6.2
VARBL													
CALM												4.1	
	8.7	27.6	32.5	21.0	5.1	1.1						110.2	3.5

TOTAL NUMBER OF OBSERVATIONS 291

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/ IAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX

STATION NAME

57-70, 75-78

YEARS

DAY

MONTH

ALL DAY, THE

CLASS

0000-0500

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.2	.8	.2	.2							2.0	7.5
NNE	.5	1.1	.8	.5	.5	.5						2.0	11.4
NE	.3	1.1	.8	.2			.2					2.0	7.5
ENE	.5	.5	.8	.3								1.0	7.8
E	1.2	1.1	1.5	.2								4.0	6.0
ESE	.5	1.4	2.5	.3								5.1	8.1
SE	1.2	2.2	2.2	2.2	.5	.2						5.2	8.9
SSE	.5	3.2	5.2	1.1								6.0	7.5
S	1.5	4.8	4.2	4.0	.5							15.3	8.5
SSW	1.2	3.7	3.4	3.7	.5							12.5	8.5
SW	.5	2.3	2.0	1.2		.2						6.2	8.0
WSW	.5	1.9	1.2	.2								3.7	6.2
W	1.4	1.4	.5	.3								3.6	6.2
WNW	.6	1.9	1.2	.3								4.2	6.4
NW	.7	.9	1.2	.2								3.2	5.5
NNW	.8	1.1	.9									2.8	5.3
VARBL													
CALM												11.0	
	12.1	29.7	26.9	16.1	2.3	.5	.2					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

647

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

RESE AFB TX

STATION NAME

57-70, 73-78

YEARS

AV

MONTH

ALL RE-TMS

CLASS

DO NOT SCALE
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	1.1	1.7	1.8	.2							5.3	0.3
NNE	.9	.5	.5	1.5	.2	.2						2.9	1.2
NE	.2	1.2	.7	.9	.1	.1	.2					2.6	1.7
ENE	.4	1.2	.7	.9								3.2	7.9
E	.6	1.3	.9	1.1		.1						4.0	5.4
ESE	.1	.9	1.1	.8								3.1	5.7
SE	.2	1.7	2.5	.8	.2							5.6	5.4
SSE	.4	2.1	2.6	2.6								7.7	5.5
S	.5	2.7	4.3	4.4	1.3							12.3	11.2
SSW	1.1	2.4	4.3	2.6	.7	.1						11.1	5.3
SW	.8	1.7	2.4	2.8	.2							7.9	5.3
WSW	.5	1.8	1.3	1.2								4.7	7.8
W	.6	2.3	2.0	.4	.1	.1						5.7	6.9
WNW	.8	1.7	1.4	.9								4.6	7.3
NW	.7	.9	1.1	.4	.1							2.2	6.8
NNW	.6	.8	1.5	.2								3.4	6.7
VARBL													
CALM												9.6	
	9.4	24.2	29.0	23.6	3.3	.7	.2					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

544

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021

REFSE APR TX

67-70, 73-78

107

STATION

STATION NAME

YEARS

MONTH

ALL REF. THIS

0700-1100

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.8	1.4	2.5	.4	.1						5.7	10.9
NNE	.2	.8	1.0	1.8	.5							4.3	11.3
NE		.8	1.0	1.9	.3	.2	.1					4.3	12.7
ENE	.1	.4	1.1	1.4	.5		.1					3.5	11.0
E	.1	2.0	2.0	1.3	.1							6.3	9.0
ESE	.1	.9	1.2	.7								2.8	4.4
SE	.1	.4	1.0	.7	.3							3.2	10.1
SSE		1.2	2.0	2.6	.8							4.6	11.3
S	.2	1.8	4.4	3.3	2.1	.3						17.1	12.1
SSW	.4	.9	1.9	3.7	.9							9.7	11.9
SW	.7	.5	2.7	4.6	.4							9.0	10.8
WSW	.3	1.3	2.5	3.3	.1	.1						7.5	9.3
W	.3	.8	1.9	2.1	.7	.4						6.3	11.3
WNW	.3	.3	1.3	1.1	.5	.2						3.9	12.4
NW	.3	.7	1.0	.6	.3							3.9	9.4
NNW	.1	.4	1.4	1.1	.3							3.4	10.4
VARBL													
CALM												2.4	
	4.2	14.0	30.0	39.5	8.2	1.1	.2					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

614

GLOBAL CLIMATOLOGY COMPO
USAFETAC
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25021 REESE AFB TX 7-70, 70-78
STATION STATION NAME YEARS MONTH
ALL REF-TAC
CLASS
CONDITION
1200-1400
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.6	1.9	1.5	.7							4.2	9.7
NNE		.4	1.3	1.4	.3		.1					3.5	12.5
NE	.1	.5	1.6	1.4	.1							4.2	11.3
ENE	.3	.7	1.1	1.0	.3							3.4	9.8
E	.1	1.2	1.5	.7								3.7	8.3
ESE	.3	1.0	1.4	1.4	.4							4.7	9.5
SE	.1	.8	2.6	2.8								5.3	10.0
SSE	.3	1.0	2.5	3.6	.2	.2						3.7	10.8
S	.4	2.1	5.0	8.7	1.4	.2						10.1	11.6
SSW	.4	.9	1.9	3.3	.9	.2						7.9	11.6
SW	.1	1.0	4.1	3.1	.4	.2						3.0	10.8
WSW	.1	1.1	2.6	3.2	.7	.1						8.0	11.3
W	.1	1.4	2.6	1.9	.9	1.1						7.9	12.3
WNW	.3	.3	.5	.9	.4							2.5	11.0
NW	.1	.3	.9	.5	.3							2.2	10.5
NNW	.1	.4	.7	.3								1.5	8.1
VARBL													
CALM												3.4	
	4.1	14.8	32.2	35.3	7.4	2.7	.1					100.0	10.5

TOTAL NUMBER OF OBSERVATIONS 012

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TWC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 DAY
STATION STATION NAME YEARS MONTH
ALL SEALS CLASS 1507-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.0	1.5	.1							4.2	9.9
NNE	.3	.7	.5	.9	.5	.2						4.1	11.7
NE	.2	1.0	1.5	1.6	.8							4.0	10.1
ENE	.2	.5	.9	.9	.2	.2						2.0	11.0
E	.3	.9	1.5	1.6								4.4	8.0
ESE	.2	.6	1.3	2.4	.1							4.6	10.8
SE		.7	2.4	2.2	.8	.2						5.3	11.7
SSE		1.5	3.8	3.9	1.5	.2						10.8	11.7
S	.2	1.0	4.9	7.5	2.1	.5						16.2	12.5
SSW		1.0	2.5	2.9	1.3	.1	.2					7.8	12.3
SW	.1	1.3	1.7	2.4	1.8	.7						5.0	13.5
WSW	.1	.6	2.5	3.6	1.5	.5						8.8	13.3
W		.9	2.5	2.7	1.4	.2						7.8	12.3
WNW	.1	.5	.7	1.4	.2	.1						3.0	11.8
NW	.1	.2	1.0	.3		.1						1.8	10.0
NNW	.5	.5	1.1	1.0								3.1	8.9
VARBL													
CALM												2.4	
	2.7	12.7	30.1	36.6	12.0	3.1	.2					100.0	.5

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 67-70, 73-78 DAY MONTH YEAR
STATION STATION NAME YEARS MONTH YEAR
ALL WEATHER CLASS 1967-2000
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.1	1.3	1.2	.3	.1	.1	.1				4.1	12.3
NNE	.4	.5	1.4	1.4	.3							2.9	9.5
NE		.4	.9	1.4	.2							3.0	10.9
ENE	.1	.5	1.1	1.9	.9							4.6	12.4
E	.2	2.4	2.2	1.8	.4							7.0	8.5
ESE		.5	2.2	2.3	.9							6.0	12.1
SE	.3	.8	3.5	3.3	.8	.1						9.1	11.4
SSE	.1	1.4	4.1	5.1	1.1	.3						12.1	11.6
S	.1	1.8	3.5	6.8	1.4	.3						13.9	11.9
SSW	.3	1.6	1.6	2.2	.7		.1					6.8	11.5
SW	.4	1.4	1.8	2.3	.8	.4						7.5	11.4
WSW	.1	1.4	2.3	2.3	.9	.4						7.8	11.2
W	.2	1.5	2.2	.3	.1	.2						5.4	9.4
WNW	.3	.5	.3	.4	.3							1.8	9.5
NW		.5	.3	.1			.1					1.1	9.5
NNW		.3	.4	.7	.1							1.5	11.8
VARBL													
CALM												4.6	
	3.0	15.9	29.7	35.0	9.3	2.0	.4	.1				100.0	10.6

TOTAL NUMBER OF OBSERVATIONS 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021
STATION

REFSE / P P TA
STATION NAME

57-70, 73-78
YEARS

64
MONTH

ALL AF, THE
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.4	1.8	.5		.2						2.5	8.3
NNE		1.6	.4	.4	.2	.2						3.0	8.7
NE	.2	1.1	.5	.5	.2							2.8	8.8
ENE		.9	1.6	.5	.2							3.2	9.0
E	.5	2.5	2.7	2.5	.2							4.3	9.5
ESE	.4	2.5	3.9	2.1	.5							4.4	8.8
SE	.4	1.6	3.9	4.3	.2							10.3	10.1
SSE	.5	3.0	7.3	5.4	.4	.2						17.2	9.8
S	.5	3.7	7.8	3.9	3.0	.4						18.3	10.6
SSW	.4	1.6	2.8	.7	.4		.2					5.1	9.1
SW	.7	1.6	.5	1.1								3.0	7.0
WSW	.5	1.2	.4	.4	.2			.2				2.8	8.3
W	1.1	1.2	.4			.4						3.0	6.5
WNW	.5		.2									1.1	4.7
NW		.2	.2	.2								.5	3.7
NNW		.5	.2	.4	.4							1.4	10.9
VARBL													
CALM												5.0	
	5.4	25.6	33.9	23.5	6.0	1.2	.2	.2				100.0	8.9

TOTAL NUMBER OF OBSERVATIONS 564

GLOBAL CLIMATOLOGY DIVISION
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23021 PLEASE APP TX STATION NAME YEARS 7-78, 79-78 MONTH DAY ALL WEATHER CLASS ALL HOURS (L.S.T.) CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	.9	1.5	1.4	.3	.1	.1	.0				4.8	9.9
NNE	.4	.8	.7	1.2	.4	.1	.1					2.7	10.8
NE	.2	.9	1.1	1.2	.2	.1	.1					3.7	10.5
ENE	.2	.7	1.1	1.1	.3	.1	.1					3.2	10.1
E	.4	1.6	2.0	1.3	.1	.1						5.3	9.5
ESE	.3	1.1	2.1	1.5	.3	.1						5.1	9.6
SE	.3	1.4	2.5	2.1	.4	.1						5.8	10.0
SSE	.3	1.9	3.4	3.5	.7	.1						10.0	10.4
S	.5	2.5	4.8	6.5	1.7	.1						16.3	11.2
SSW	.2	1.7	2.5	3.1	.8	.1	.1					8.3	10.4
SW	.4	1.3	2.2	2.5	.5	.1						7.2	10.5
WSW	.3	1.2	2.0	2.0	.5	.1		.0				6.2	10.5
W	.6	1.4	1.8	1.2	.5	.1						5.8	10.0
WNW	.4	.7	.9	.7	.2	.1						3.0	9.4
NW	.3	.6	.9	.4	.1	.1	.0					2.4	8.4
NNW	.3	.6	.9	.5	.1							2.4	8.5
VARBL													
CALM												5.3	
	5.7	19.2	31.4	30.3	7.0	1.1	.2	.0				100.0	9.7

TOTAL NUMBER OF OBSERVATIONS 2800

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 67-70, 72-78
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.0	1.3	.3							2.6	12.2
NNE	.2	.8	.8	.8								2.6	8.1
NE		.5	1.0	.3								1.8	7.3
ENE	.3	1.3	2.0	1.6								5.2	6.7
E	.8	1.8	1.3	.3								4.2	6.7
ESE	1.0	1.3	2.7	.3								5.3	6.6
SE	.3	3.4	3.7	.3								8.4	6.6
SSE	1.3	3.4	3.3	1.1	.3	.3						12.4	8.1
S	1.0	3.5	11.3	13.1	1.6	.3	.3					39.4	10.9
SSW	.8	3.1	3.4	.8								8.1	6.8
SW		1.0	.3	.3								2.1	7.9
WSW	.3	.3										.5	3.0
W	.3											.5	2.3
WNW	.3											.3	2.0
NW	.5	1.0			.3							1.8	5.4
NNW			.3	.3	.3							1.0	12.8
VARBL													
CALM												7.3	
	7.7	23.6	36.2	21.3	2.9	.3	.3					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS 321

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/INP

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 7-70, 73-78
STATION MONTH YEARS
CLASS ALL WEATHER
HOURS (L.S.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.6	1.3	1.1								3.2	7.5
NNE	.3	1.0	1.5	.5								3.1	7.2
NE	.8	1.0	.8	.3								3.1	6.6
ENE	.5	1.0	.7	.2								2.2	6.1
E	.8	1.0	1.5	.3								3.6	6.5
ESE	.5	2.1	1.0	.3								2.0	5.9
SE	1.0	2.8	1.3	.5								5.5	6.2
SSE	1.6	3.5	2.1	.5								2.5	6.2
S	2.0	7.8	10.4	5.9	.5							24.5	8.3
SSW	1.6	5.2	6.0	.6	.2							13.8	4.7
SW	1.2	2.9	1.5	.3								6.0	5.5
WSW	.7	.5										1.1	3.1
W	.2	.5	.3									1.0	3.6
WNW	1.0	.5										1.5	3.2
NW	.5	.8	.2									1.5	4.2
NNW	.3	1.0	.2									1.5	4.6
VARBL													
CALM												11.0	
	14.0	32.9	29.8	10.7	.7							100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 414

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/TA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

25021
STATION

RESE AFR TA
STATION NAME

67-70, 72-78
YEARS

JU
MONTH

ALL YRS
CLASS

000-0000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	2.2	1.0	1.0	.1							4.0	7.0
NNE	1.1	1.1	.9	.9	.4	.2						4.0	7.0
NE	.4	1.0	1.0	.9	.1							3.7	6.5
ENE	.0	.0	1.1	.4	.1							2.0	7.0
E	.1	1.1	.2	.7								2.2	7.0
ESE	.4	1.2	.0	.5								2.7	6.7
SE	1.1	2.1	1.0									4.0	5.0
SSE	1.0	1.0	3.7	1.0	.1							5.0	7.0
S	1.0	3.2	7.9	7.9	1.0							24.0	9.2
SSW	1.2	4.0	4.0	4.0	1.0							15.0	9.2
SW	1.2	2.1	1.0	.0	.1							5.6	4.0
WSW	.0	1.1	1.1									2.7	6.2
W	.7	.9	1.0	.4								2.0	5.1
WNW	.2	1.0	.0	.4								2.0	6.7
NW	.4	.5	.0	.2								1.7	6.7
NNW	.0	.0	.1	.2								1.0	4.0
VARBL													
CALM												10.0	
	12.4	26.6	27.4	20.5	2.9	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

621

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX
STATION NAME

67-70, 73-78
YEARS

MONTH

ALL WEATHER
CLASS

0700-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.4	.9	1.2	.7							4.4	10.3
NNE	.1	.6	1.0	.5	.6	.2						3.0	11.5
NE	.1		.9	.5	.7							2.6	12.6
ENE	.7	1.2	1.1	1.0	.1							4.1	7.9
E	.2	1.4	1.3	1.2								4.2	8.4
ESE	.2	.6	.7	.4								2.1	8.0
SE	.4	1.4	1.8	.4	.1							4.2	7.3
SSE	.4	1.7	2.4	1.1	.1							5.9	8.4
S	.4	3.9	8.6	10.9	2.8	.2						26.2	11.1
SSW		1.4	6.3	9.3	1.0							15.1	11.4
SW	.3	1.1	3.7	2.9	.4							2.5	10.1
WSW	.1	.9	1.4	.3	.4							3.2	9.2
W	.2	.9	2.2	1.3	.2							4.9	9.2
WNW	.1	.3	.7	.6	.1							1.8	10.1
NW	.2	.6	.3	.2	.1	.1						1.7	9.0
NNW	.2	.9	.5	.6	.1							2.1	7.9
VARBL													
CALM												2.4	
	4.0	10.6	33.7	33.3	7.3	.5						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

899

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX

67-70, 73-78

JL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1200-1400

CLASS

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.6	.7	.5	.0							2.8	9.5
NNE		.7	.8	1.1	.2							2.8	10.0
NE	.2	.4	.6	.8	.1							2.7	9.0
ENE	.2	.6	1.0	.5	.2							3.0	9.1
E	.5	1.3	3.3	.3								6.3	7.7
ESE	.3	1.6	1.4	.9								4.7	7.7
SE	.2	2.1	2.5	1.2								5.6	8.0
SSE	.3	3.2	5.0	2.1	.3							11.6	9.2
S	.6	3.9	9.9	13.0	1.3							28.7	10.9
SSW	.1	1.1	3.7	4.4	1.0							15.3	11.3
SW	.4	1.2	2.1	2.0	.7							6.4	10.1
WSW	.3	.7	1.3	1.3	.3	.1						4.1	10.5
W	.1	.7	1.0	2.2	.3							4.3	11.3
WNW		.2	.3	.3	.3	.1						1.3	12.7
NW	.1	.2	.2	.1								.7	7.2
NNW		.4	.6	.2								1.2	7.7
VARBL													
CALM												3.6	
	4.9	19.6	34.3	32.0	5.4	.2						100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

900

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

RESE AFB TX
STATION NAME

67-70, 73-78
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.5	.3	.6	.2	.1						2.5	10.3
NNE	.1	.7	.5	.5	.1							1.7	8.4
NE	.2	.6	1.2	.4								2.2	8.1
ENE		1.2	1.5	.5	.1							3.5	8.2
E	.2	1.5	3.5	1.1	.1							6.4	9.5
ESE		.8	2.2	1.9	.4							5.2	10.2
SE	.1	2.1	4.2	2.5	.2	.1						9.3	9.5
SSE	.5	2.0	5.3	4.6	1.3	.1						13.9	10.7
S	.2	2.3	9.0	11.5	2.8	.1						26.5	11.5
SSW	.0	.7	2.2	4.0	.4	.2						8.2	11.1
SW	.2	.7	2.6	2.3	.6	.1	.1					6.7	11.4
WSW	.4	.4	1.6	2.3	.5	.1						5.4	11.4
W	.2	.2	.8	1.9	.2	.2						3.6	12.2
WNW	.1	.4	.5	.2								1.2	8.1
NW	.1	.2	.5									.8	7.0
NNW	.2		.1									.4	5.2
VARBL													
CALM												2.5	
	3.7	14.7	36.5	34.4	6.9	1.2	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS

857

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23021 REESE AFB TX STATION NAME ALL AFB TX YEARS 57-70, 75-78 MONTH JUL MONTH 1-00-2000 HOURS (L.S.T.)

CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.0	.7	1.1		.1						2.0	9.7
NNE		.3	.1	.5		.1						1.1	12.5
NE	.4	.3	1.2	.8	.1							2.3	9.2
ENE	.1	.1	1.2	.5	.3	.1						2.7	11.0
E	.3	1.0	2.2	1.8	.3							5.3	9.3
ESE	.4	.8	3.7	1.2	.3							7.0	9.2
SE	.1	2.2	5.5	4.4	.7	.1						13.0	10.2
SSE	.5	1.6	5.8	5.2	1.6	.4	.1					15.2	11.2
S	.1	3.0	8.7	11.1	2.3							25.3	11.5
SSW	.1	1.1	2.7	2.6	.4							7.0	8.5
SW	.1	.8	1.5	1.4	.5	.1						4.5	10.0
WSW	.1	.7	.8	.7								2.2	8.3
W	.1	.7	1.1	1.3	.8	.1						3.8	11.7
WNW	.1	.4	.7	.1		.1						1.3	8.9
NW	.3	.4	.4	.4								1.5	8.0
NNW	.3	.1	.1									.5	4.0
VARBL													
CALM												2.1	
	3.4	15.2	36.4	33.9	7.4	1.4	.1					100.0	10.3

TOTAL NUMBER OF OBSERVATIONS 720

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 STATION REFSE AFB TX STATION NAME 7-70, 73-78 YEARS J4 NORTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	.5	.5			.2						1.8	6.5
NNE	.5	.4		.5	.4							1.8	9.3
NE	.4	.4	2.0	.4	.2	.2						3.4	2.5
ENE	.2	.5	1.4	.2		.4						2.7	12.3
E	.5	2.2	3.1	.7								5.3	7.2
ESE	.4	2.3	3.6	1.3	.2							7.7	3.3
SE	.7	4.5	7.5	2.4	.2							14.3	7.9
SSE	1.6	4.3	6.5	3.2	.5							15.1	8.4
S	1.3	5.7	6.3	9.9	1.6							24.7	17.2
SSW	.2	2.3	2.9	.7	.5							5.8	3.0
SW	.4	.4	.7	.4								1.8	7.4
WSW	.2	.2	.2	.2								1.1	5.0
W	.5	.7	.2	.2								1.6	5.7
WNW	.2	.4	.4									.9	6.0
NW				.4	.2							.5	15.7
NNW	.2	.2	.4			.2						.9	10.6
VARBL													
CALM												2.5	
	5.4	25.1	35.5	19.9	3.8	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 554

GLOBAL CLIMATOLOGY STATION
USAFETAC
AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REFSE AF2 TX 67-70, 73-78
STATION MONTH
ALL Yr Tm
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	1.0	.8	.9	.3	.1						7.5	2.8
NNE	.3	.7	.7	.7	.2	.3						2.5	2.3
NE	.3	.6	1.1	.7	.2	.						2.4	2.1
ENE	.3	.8	1.3	.8	.1	.1						2.7	2.2
E	.3	1.5	2.1	.8	.1							2.1	2.0
ESE	.3	1.3	1.9	1.7	.1							4.5	2.3
SE	.3	2.4	3.2	1.5	.2	.						7.1	2.6
SSE	1.0	2.4	4.3	2.8	.8	.1	.0					11.2	3.0
S	.7	4.3	8.3	10.4	1.8	.2	.0					20.7	11.2
SSW	.8	2.2	4.0	4.0	.8	.1						11.4	5.8
SW	.3	1.3	2.0	1.5	.3	.	.0					5.5	4.2
WSW	.3	.6	1.0	.7	.2	.7						2.5	4.1
W	.3	.8	1.0	1.0	.2	.1						3.2	3.8
WNW	.2	.5	.4	.2	.1	.6						1.5	2.1
NW	.2	.4	.3	.2	.1	.3						1.3	1.4
NNW	.2	.4	.3	.2	.0	.1						1.2	1.2
VARBL												3.4	
CALM													
	7.1	21.4	33.6	27.0	5.0	.3	.1					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS 5758

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REFSE AFB TX 68-70, 71-78 JUL
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 0000-0200
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.0	.0	1.0	.5								2.6	4.6
NNE	.5	.5	.5									1.6	5.0
NE	.3	.3	.5		.3							1.3	5.2
ENE	.3	.5										.8	4.7
E	.3	.5	.5	.5								2.3	5.1
ESE	1.3	1.8	1.3	.5								5.2	6.0
SE	3.6	3.4	1.3									7.3	4.1
SSE	6.2	8.8	4.7	.5								20.2	5.2
S	5.9	12.4	5.3	4.7								32.3	6.4
SSW	1.3	3.6	1.6	.3								6.7	5.7
SW	.5	.3	.3									1.0	4.3
WSW		.5										.5	5.0
W	.3	.3	.5									1.0	5.0
WNW	.3											.3	2.0
NW													
NNW	.3	.3										.5	4.0
VARBL													
CALM												15.5	
	22.0	34.4	20.7	7.2	.3							100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 387

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX

47-70, 75-78

JUL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0300-0500

CLASS

HOURS (L.S.T.)

CONDITION

SPEED. (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.0	1.4	.8	.2								2.3	3.3
NNE	.8	1.0	1.1									2.7	3.3
NE	.2	1.0	.3									1.7	6.0
ENE	.5	1.1	.8									2.2	5.2
E	.8	1.3	.8									2.7	5.9
ESE	.5	.8	.8	.2								1.4	6.1
SE	1.8	1.7	.3									4.3	4.7
SSE	3.8	3.0	2.7	.2								4.8	3.1
S	7.5	11.9	7.4	1.8	.5							20.2	5.4
SSW	4.3	6.2	2.2									12.7	4.7
SW	1.4	1.6	.8		.2							3.8	5.3
WSW	1.0	.8										1.6	3.1
W	.5	1.0										1.4	3.3
WNW	.2	.5										.6	3.8
NW	.2	.3										.5	4.8
NNW	.3	.3	.5	.2								1.1	5.9
VARBL													
CALM												20.3	
	24.0	33.7	19.4	2.2	.5							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

630

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 PERSE AFB TX 7-70, 73-76 JUL NORTH
STATION STATION NAME YEARS
ALL WEATHER CLASS
0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	.7	1.3	.7								2.8	5.1
NNE	.3	1.6	.7									2.8	5.5
NE	.2	1.2	.4	.2								2.2	6.5
ENE	.2	.6	.5									1.2	6.1
E	.7	1.2	.8	.1								2.8	5.5
ESE	.5	.6	1.1	.1								2.4	5.9
SE	.6	1.4	1.3	.2								3.6	6.1
SSE	1.2	2.9	1.8	.8								6.5	6.3
S	3.2	7.5	8.7	4.8	.2							24.6	7.7
SSW	3.1	5.3	6.0	1.7	.2							16.3	6.7
SW	1.6	2.5	1.6	.3								6.5	6.3
WSW	1.6	.7	.5	.2								3.2	4.4
W	.8	1.7	.2									2.8	4.4
WNW	.5	.6										1.2	3.4
NW	.6	.1		.1								.8	3.9
NNW	.5	1.2	.5									2.2	4.7
VARBL													
CALM												17.8	
	17.8	30.0	25.5	9.0	.5							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 236

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 57-70, 73-78
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
JUL
MONTH
0900-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.6	.7	.1								1.5	6.8
NNE	.4	.8	1.7	1.2								4.1	7.7
NE	.4	.9	.8	.8								2.9	7.8
ENE	.3	1.2	1.3	.7								3.5	7.7
E		.9	1.8	.3								3.0	8.4
ESE	.3	.9	.6	.2								2.0	7.2
SE	.6	1.0	.8	.6								2.9	7.0
SSE	.4	2.5	2.9	1.5	.1							7.7	8.9
S	1.2	3.6	11.3	7.6	1.3							25.6	9.8
SSW	.7	2.9	9.4	10.7	.1							23.7	10.1
SW	.6	2.3	4.7	3.3	.1							11.0	8.7
WSW	1.0	.9	2.0	.1								4.0	6.4
W	.3	1.2	1.2	.2								3.0	6.3
WNW	.1	.4	.4		.2							1.2	6.2
NW		.1	.2									.3	6.2
NNW	.1	.2	.1	.1								.6	6.8
VARBL													
CALM												3.4	
	6.8	20.4	39.7	27.8	1.9							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS 909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REFSE AFB TX

STATION NAME:

67-70, 73-78

YEARS

JUL
MONTH

ALL WEATHER

CLASS

1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.1	.4	.2								.0	10.3
NNE	.2	1.0	1.2	.6								3.0	7.2
NE		.9	.9	.7	.1							2.5	6.4
ENE	.3	1.5	1.4	.5								4.1	7.4
E	1.1	2.4	1.9	.5								6.2	6.5
ESE	.4	2.2	2.1	.3								5.1	6.7
SE	.3	3.0	3.2	1.4								7.9	7.9
SSE	.9	4.2	7.6	3.5	.1							16.5	6.4
S	.9	5.1	15.7	10.7	.8							33.1	9.6
SSW	.2	1.7	4.8	3.5	.1							10.1	6.5
SW	.4	1.1	2.2	.5								5.0	7.5
WSW	.3	.6	.2	.1								1.2	5.9
W		.8	.1									.9	5.3
WNW	.1											.1	2.0
NW			.2	.1								.3	11.0
NNW			.1									.1	8.0
VARBL													
CALM												3.1	
	5.6	24.4	42.4	23.4	1.1							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-76

YEARS

JUL

MONTH

ALL WEATHER

1300-1700

HOURS (L.S.T.)

CLASS

CONDITION

SPEED (KNTS)- DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.1		.2						.1		.7	14.7
NNE	.2	.5	.7	.9	.5							2.6	10.4
NE		1.0	.8	.8	.1							2.3	8.1
ENE	.6	1.6	1.5	.7	.1							4.5	7.0
E	.5	1.8	3.1	1.1			.1					6.5	8.2
ESE	.5	3.1	2.7	.7								6.9	7.3
SE	.7	3.9	4.5	1.7	.1							10.9	7.8
SSE	.6	4.9	8.0	6.2	.2							20.7	9.2
S	.0	5.6	12.4	11.4	.8							30.4	9.9
SSW	.1	1.4	3.2	1.8								4.4	8.0
SW	.1	1.1	.7	.6								2.5	7.6
WSW	.2	.5		.1								.8	5.3
W	.5	.1	.2									.7	6.3
WNW				.1								.1	16.0
NW													
NNW		.1			.1							.2	12.0
VARBL													
CALM												2.9	
	4.6	25.7	38.8	26.0	1.8		.1			.1		100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

874

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1000-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1											.1	3.0
NNE		.1	.3	.3								.7	3.8
NE	.2	.5	1.5	.3		.1		.1				2.9	6.7
ENE	.5	1.2	.8	.4	.1	.1						3.2	7.7
E	.4	1.8	3.4	1.2								5.8	9.0
ESE	.1	1.9	4.9	1.2	.1							8.4	8.4
SE	.5	6.3	7.1	3.2	.1							17.1	8.0
SSE	1.6	7.3	11.9	5.2	.1							26.2	8.1
S	1.9	7.7	9.7	6.3	.7							26.3	8.5
SSW	.3	1.1	1.9	.8								4.1	8.0
SW		.3	.4	.3								1.0	9.4
WSW	.1		.1									.3	6.9
W		.1			.1							.3	11.0
WNW		.1										.1	4.0
NW													
NNW			.1									.1	10.0
VAPBL													
CALM												2.3	
	6.0	28.5	42.3	19.0	1.4	.3		.1				100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 730

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-78

YEARS

JUL

MONTH

ALL WEATHER

CLASS

2100-2300

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N													
NNE	.3	.4	.4	.2	.2							1.7	7.2
NE	.7	1.1	.2	.2								7.2	5.9
ENE	.8	.4	.7	.4								2.6	6.0
E	1.1	2.0	2.0	.2								3.4	5.0
ESE	.7	3.5	1.8	.8								1.1	6.2
SE	2.8	12.2	3.4	1.3								21.4	5.9
SSE	3.0	15.3	8.7	1.5								37.7	5.9
S	2.0	3.5	3.4	3.1								15.1	7.4
SSW	.4	1.8	.8	.2								3.0	5.8
SW	.2	.2		.2	.2							.7	10.2
WSW	.2											.2	2.0
W	.4		.2									.4	4.1
WNW													
NW	.2		.2									.4	6.0
NNW	.2											.2	3.0
VARBL													
CALM												1.5	
	14.8	42.9	25.7	7.6	.4							100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 541

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 23021 STATION NAME REESE AFB TX YEARS 67-70, 73-78 MONTH JUL
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.4	.5	.2						.0		1.5	7.5
NNE	.4	.8	.7	.5	.1							2.5	7.9
NE	.2	.9	.8	.4	.1			.0				2.4	7.9
ENE	.4	1.1	1.0	.4	.0							3.6	7.2
E	.6	1.5	1.9	.6			.0					4.5	7.1
ESE	.5	1.9	1.7	.5	.0							4.7	7.0
SE	1.6	3.8	3.6	1.1	.0							8.0	5.9
SSE	2.0	5.5	6.2	2.7	.1							16.4	7.4
S	2.5	6.9	10.3	6.9	.5							27.4	8.5
SSW	1.2	2.9	4.2	2.8	.1							11.3	8.1
SW	.7	1.3	1.5	.9	.1							4.5	7.6
WSW	.0	.5	.4	.1								1.7	5.3
W	.3	.7	.3	.0	.0							1.4	5.3
WNW	.2	.2	.1	.0	.0							.5	5.7
NW	.1	.1	.1	.0								.3	5.8
NNW	.2	.3	.2	.0	.0							.6	5.7
VARBL													
CALM												8.2	
	11.3	28.7	33.5	17.1	1.1	.0	.0	.0		.0		100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 5816

GLOBAL CLIMATOLOGY - PART I
USAFETAC
AIR WEATHER SERVICE/IAO

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021

RESE AFB TX

67-70, 73-78

ALL

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0000-0200

CLASS

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5			.3	.3							1.0	8.2
NNE	1.5	.8		.5	.3							2.8	6.3
NE	.5		1.0	.8	.3							2.6	8.5
ENE		1.3	1.0	.5	.3							3.0	6.2
E	1.8	2.8	1.5									6.0	5.0
ESE	1.5	1.3	1.3									3.8	4.8
SE	2.0	4.3	1.5									7.8	4.8
SSE	4.5	6.5	5.0	.5								19.5	8.5
S	7.2	11.3	6.5	4.3	.3							29.7	8.9
SSW	1.3	4.5	3.8	.5								10.1	6.1
SW	.3	.8										1.0	6.0
WSW	.2	.3		.3								.8	6.7
W		.5	.3									.8	6.7
WNW	.2	.3										.8	6.5
NW		.3										.3	6.0
NNW	.3	.5	.3									.8	4.7
VARBL													
CALM												12.6	
	21.4	35.0	22.2	7.6	1.3							100.3	5.3

TOTAL NUMBER OF OBSERVATIONS

397

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 57-70, 72-78 419
STATION STATION NAME YEARS NORTH
ALL WEATHER CLASS 0500-0500
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.1	.7		.2							2.5	6.6
NNE	.6	.3	.6	.5								2.4	7.3
NE	.6	1.4	.3	.3								3.5	6.5
ENE	.6	1.3	.9	.2								7.1	5.9
E	.9	.8	1.1									7.5	5.5
ESE	.5	1.1	.6									2.4	4.8
SE	1.1	2.4										3.5	7.7
SSE	2.0	4.6	.5	.3								7.7	5.1
S	6.6	9.7	5.2	1.6	.2							23.2	5.5
SSW	4.7	8.0	2.7									13.2	4.6
SW	.6	2.0	.8	.2								3.6	5.0
WSW	.6	.6										1.4	3.6
W	1.3	.5										1.7	2.9
WNW	.3	.5										.8	2.8
NW	.6	.9	.2	.2								2.0	4.4
NNW	1.3	.6	.2									2.0	3.4
VARBL													
CALM												24.0	
	23.5	33.8	14.6	3.6	.3							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 637

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23021

23021 SFR TA

67-70, 73-78

ADG

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

9000-0400

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.4	1.6	1.4	.2								4.8	5.4
NNE	.9	1.3	1.1	.2	.1							2.9	3.1
NE	.9	.5	1.4	.1								2.9	3.1
ENE	.7	1.1	.7	.3								2.9	3.1
E	1.1	1.5	1.2	.3								4.2	4.2
ESE	.5	2.1	.2									2.3	4.4
SE	1.1	1.6	.7	.1								4.5	4.4
SSE	1.4	3.5	1.6	.3								7.3	5.7
S	3.4	6.8	6.5	2.4								14.6	4.5
SSW	2.0	4.1	3.9	.3	.1							10.6	6.3
SW	1.3	2.4	2.1	.4								6.1	5.8
WSW	1.1	1.2	.5									2.7	4.3
W	1.6	1.2	.1									2.9	3.4
WNW	1.3											1.3	2.2
NW	.7	.4	.1									1.2	3.3
NNW	.7	.8	.4									1.9	4.1
VARBL													
CALM												21.3	
	20.6	30.2	22.1	5.6	.2							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

251

GLOBAL CLIMATOLOGY SECTION
USAFETAC
AIR WEATHER SERVICE/ IAC

PERCENTAGE-FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

RESEF AFB TX

STATION NAME

47-70, 72-78

YEARS

MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND- SPEED
N		.4	1.2	.3								1.9	8.8
NNE	.2	.2	1.5	1.								2.8	8.3
NE	.5	.9	1.8	1.								4.2	7.9
ENE	.5	.9	.6	.3								2.6	6.2
E	1.2	2.2	1.0	.3								4.6	5.7
ESE	.2	.8	1.3									2.3	7.3
SE	.4	1.3	1.8	.5								3.9	6.9
SSE	.9	1.6	2.2	1.1	.1							5.8	7.7
S	.5	2.4	8.8	9.1	.5							21.4	10.5
SSW	.6	2.4	7.8	8.1	.1							19.0	9.9
SW	.8	3.5	7.2	3.3								15.1	8.4
WSW	.4	1.8	1.7	.7								4.7	7.3
W	1.2	1.1	.3	.1								2.7	4.8
WNW	.3	.2	.4	.1								1.1	6.1
NW	.3	.4	.1		.1							1.0	3.4
NNW	.2	.6	.3	.1								1.3	5.7
VARBL													
CALM	X	X	X	X	X	X	X	X	X	X	X	4.6	
	8.7	21.3	38.4	26.1	.9							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23021 STATION NAME RA-SEF AFB TX YEARS 7-70, 73-78 MONTH AUG
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56	%	MEAN WIND SPEED
N	.2	.5	.3									1.1	5.2
NNE	.6	1.6	1.1	1.8								4.2	7.3
NE	.4	.9	1.5	1.2								4.0	8.0
ENE	.2	.8	1.1	.3								2.4	7.4
E	1.5	1.5	1.4	.3								3.8	6.4
ESE	1.2	1.8	1.4	.1								4.5	5.8
SE	.4	2.2	2.2	.6								5.4	7.3
SSE	.9	4.4	5.9	2.3	.1							13.5	7.7
S	1.0	5.2	13.1	12.8	.1							32.2	8.8
SSW	.3	1.4	5.5	2.8								10.0	9.4
SW	1.0	1.7	2.0	.9								6.3	7.1
WSW	.9	1.1	.7	.5								3.3	6.4
W	.2	.9	.1	.1								1.3	5.4
WNW	.1	.1										.2	3.5
NW	.2	.3	.1									.6	5.5
NNW	.1	.4	.3	.1								1.0	6.6
VARBL													
CALM												4.3	
	9.2	24.7	38.1	23.4	.2							100.0	7.9

TOTAL NUMBER OF OBSERVATIONS 930

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 67-70, 73-78
STATION NAME YEARS
ALL W. THE
CLASS
CONDITION
1500-1700
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.5	.1	.3								1.4	7.6
NNE	.5	1.2	1.0	.3	.1							3.2	7.0
NE	.7	.8	2.0	.7								4.4	8.1
ENE	.5	1.9	1.4	1.1								4.9	7.6
E	1.1	1.8	1.9	.2								5.1	6.4
ESE	.9	1.2	1.7	.8		.1						4.7	7.3
SE	.5	2.4	3.5	1.3								7.8	8.1
SSE	.7	5.1	10.3	4.4	.1							20.5	8.6
S	1.4	5.6	11.3	10.6	.2							29.1	9.4
SSW	.1	2.7	3.7	1.5								8.0	8.3
SW	.3	.9	1.7	.3	.1							3.4	7.6
WSW	.2	.3	.8	.3	.1							1.6	8.6
W	.2	.8	.1	.2		.1						1.5	7.3
WNW		.1										.1	5.0
NW			.1	.2								.2	12.3
NNW	.1	.3	.1	.1								.7	6.5
VARBL													
CALM												3.3	
	7.6	25.7	39.7	22.9	.7	.2						100.0	8.1

TOTAL NUMBER OF OBSERVATIONS 887

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 67-70, 73-78 400
STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
1000-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.4	.3	.1								.8	7.5
NNE	.4	.5	.5	.1	.1							1.5	6.5
NE	.7	1.5	.7	.7	.1							3.5	7.5
ENE	.3	2.4	1.6	1.1								5.4	7.5
E	1.2	3.9	2.6	1.1								8.8	6.8
ESE	.7	3.2	2.6	.4								7.2	5.0
SE	2.0	5.7	5.1	2.2								15.4	7.1
SSE	2.4	9.0	8.6	2.6								22.7	7.0
S	2.2	6.5	10.0	4.8	.3							22.9	7.8
SSW	.7	1.1	1.2	.4								3.4	6.3
SW		.4	.3	.3								1.2	5.7
WSW	.3	.1	.1									.5	4.8
W		.4	.3	.3								.8	8.7
WNW													
NW	.3			.1								.4	5.5
NNW		.4										.4	4.7
VARBL												4.0	
CALM													
	11.3	35.6	34.8	13.6	.5							100.0	5.8

TOTAL NUMBER OF OBSERVATIONS 741

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23021 STATION NAME RFEESE AER TX YEARS 57-70, 73-78 MONTH NORTH
CLASS ALL WEATHER HOURS (L.S.T.) 2100-2300
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.4	.4									.8	5.8
NNE	.5	.2	1.1									1.8	6.6
NE	.5	.9	.4	.4	.2							2.3	6.8
ENE	1.6	1.4	.7	1.1								4.7	6.2
E	1.4	2.8	1.4	.5								6.2	6.8
ESE	1.6	4.7	2.6	.5								9.5	6.1
SE	4.9	7.4	3.7	.2								16.2	6.0
SSE	5.1	10.9	4.0	1.6	.4							22.0	5.8
S	2.1	11.4	7.0	2.0	.4							23.6	6.9
SSW	.2	1.6										1.8	4.4
SW	.4		.4									.7	4.5
WSW	.4	.2										.5	2.3
W		.5	.2									.7	6.5
WNW	.2	.2	.2	.2								.7	7.3
NW			.4		.2	.2						.7	15.2
NNW													
VARBL													
CALM												7.9	
	19.0	42.5	22.3	7.0	1.1	.2						100.0	6.6

TOTAL NUMBER OF OBSERVATIONS 569

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22021
STATION

REESE AFB TX

STATION NAME

47-70, 73-78

YEARS

AUG

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.7	.6	.2	.0							1.8	5.8
NNE	.6	.9	.5	.3	.1							3.1	7.3
NE	.7	.9	1.2	.7	.1							3.3	7.1
ENE	.5	1.3	1.0	.8	.0							3.3	7.1
E	1.2	2.1	1.6	.5								3.4	6.1
ESE	.8	2.0	1.4	.2								4.5	3.0
SE	1.3	3.1	2.5	.7								7.5	6.4
SSE	1.7	3.3	4.9	1.8	.1							14.0	7.9
S	2.7	6.7	9.0	6.6	.2							25.1	8.3
SSW	1.1	2.8	3.9	2.1	.0							9.6	7.8
SW	.6	1.6	2.2	.8	.0							3.4	7.3
WSW	.6	.8	.6	.3	.0							2.2	6.3
W	.6	.8	.2	.1								1.7	5.0
WNW	.3	.2	.1	.0								.6	4.3
NW	.2	.3	.1	.1	.0	.0						.3	6.0
NNW	.2	.5	.2	.1								1.0	4.9
VARBL													
CALM												3.6	
	14.1	29.8	30.6	15.3	.6	.1						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

5942

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX

STATION NAME

75-78

YEARS

SEP

MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.1	.2	1.1								4.4	6.5
NNE	.8	1.1	1.1	.8	.3	.3						4.4	5.0
NE		1.4	1.1	1.1								3.6	2.6
ENE	.8	.6	1.9									3.1	6.8
E		1.1	1.4									2.5	6.9
ESE	.3	2.5	1.1									4.4	5.6
SE	3.1	3.6	1.1									7.8	4.5
SSE	3.6	5.0	2.2	1.1								11.9	5.3
S	1.9	7.2	4.7	2.2								16.1	7.1
SSW	1.7	3.6	3.3	1.1								9.7	6.4
SW	.3	1.4	1.1									3.3	5.8
WSW	.3	1.9	.6									2.8	5.0
W	.8	.3	.3									1.4	3.6
WNW	.8	1.4	.3									2.5	3.8
NW	.5	.6										1.1	3.5
NNW	.3	.3	.3									.8	4.3
VARBL													
CALM												20.0	
	18.1	33.1	20.8	7.5	.3	.2						100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

360

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
0300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.6	1.1	2.4	.3								5.5	6.3
NNE	1.1	2.1	1.3	.6								5.2	6.3
NE	.5	1.9	1.5	1.0								4.9	7.5
ENE	.6	1.0	.8	.2								2.9	5.0
E	.8	.6	1.0	.2								2.5	6.1
ESE	.5	.8	1.0	.2								2.4	6.1
SE	1.0	1.5	.3									3.4	3.8
SSE	2.8	2.4	1.5	.2								5.8	4.5
S	2.4	4.7	3.0	1.3								12.0	6.1
SSW	2.1	4.0	3.7	1.1								11.0	6.5
SW	2.1	2.9	1.0	.2								6.1	4.0
WSW	1.5	1.1	.2	.2								5.1	4.0
W	1.3	1.3	.3									2.9	4.2
WNW	.6	.5	.5									1.6	4.7
NW	1.9	.2	.6									2.9	3.7
NNW	.8	1.5										2.8	3.0
VARBL													
CALM												24.8	
	22.7	27.7	19.6	5.5								100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 7-70, 72-78 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.5	2.7	2.3	1.1	.1							7.4	6.6
NNE	1.1	1.4	1.6	.6	.1							4.0	6.9
NE	.7	1.5	1.4	1.4	.1							5.1	8.0
ENE	.7	1.4	1.2	.8								4.7	6.7
E	.5	.9	.9	.1								2.4	6.2
ESE	.5	.9	.4	.1								1.7	5.7
SE	1.0	1.9	1.0	.2								4.1	5.3
SSE	2.2	1.7	.9	.1								4.6	4.3
S	2.4	5.7	4.2	1.6								14.0	6.3
SSW	1.9	2.9	2.6	1.7								9.1	6.9
SW	1.2	1.5	2.0	.6								5.4	6.3
WSW	.9	1.7	.9									3.5	5.2
W	1.1	1.6	.5									3.2	4.7
WNW	1.0	1.1	.7	.1								3.0	5.1
NW	.6	1.0	.4									2.0	4.8
NNW	1.0	1.0	.7	.4								3.1	5.9
VARBL													
CALM												22.3	
	18.5	29.0	21.1	8.7	.4							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 SEP
STATION MONTH
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	1.1	1.5	2.3	.5	.2						6.2	10.5
NNE	.7	1.2	2.1	1.6	.5							8.1	9.1
NE	.5	2.4	2.7	2.4	.2							8.1	8.7
ENE	.3	1.7	1.9	.3	.1							4.4	7.1
E	.3	.9	1.2	.3								2.9	7.2
ESE	.3	.9	.7	.2								2.1	6.2
SE	.3	1.1	.7	.1								2.3	6.2
SSE	.5	2.3	1.1	.2								4.1	6.4
S	.9	2.9	7.5	6.6	.1							18.0	9.6
SSW	.7	2.5	6.8	5.0	.5							15.4	9.7
SW	.6	1.8	3.2	3.4	.6							9.5	5.6
WSW	.3	1.4	2.4	.7								4.7	7.5
W	1.1	1.0	1.4	1.2								4.7	7.4
WNW	.3	.2	.6	.3								1.5	7.8
NW	.2	.2	.8	.7								1.8	9.0
NNW	.5	1.2	.5	.5								2.6	6.3
VARBL													
CALM												5.4	
	8.2	22.9	34.9	25.9	2.4	.2						100.0	8.3

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 67-70, 73-78 SEP
STATION NAME YEARS MONTH
ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.2	1.7	1.5	.6	.1						5.2	10.6
NNE	.2	1.0	1.6	2.4	.5							5.5	9.9
NE	.5	2.0	2.9	1.7								7.1	6.3
ENE	.6	1.9	2.5	.7								5.9	7.5
E	.6	2.3	1.5	.2								4.3	5.8
ESE	.7	1.0	1.2	.2								2.3	6.1
SE	.1	1.1	2.1									3.4	7.2
SSE	.9	2.3	2.6	1.6	.1							8.5	7.7
S	.9	3.1	10.6	5.2	.2							20.0	9.3
SSW	.5	1.7	4.1	4.1	.1							10.4	9.7
SW	.3	1.2	3.3	2.3								7.1	9.5
WSW	.1	1.1	2.3	1.6	.2							5.3	9.5
W	.3	1.4	1.2	1.6								4.0	8.3
WNW	.6	.1	.5	.1								1.2	5.7
NW	.2	.2	.5									.9	6.4
NNW	.7	.8	.5									1.7	5.7
VARBL													
CALM												4.6	
	7.2	23.5	39.4	23.4	1.7	.1						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS 885

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX

STATION NAME

57-70, 73-78

YEARS

SEP

MONTH

ALL WEATHER

CLASS

1500-1700

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.7	.8	.9	.3	.2						3.6	11.0
NNE	.1	.9	1.0	1.6	.1	.2	.1					4.8	10.2
NE	.3	2.2	2.3	1.6	.1							6.6	8.2
ENE	.6	2.1	1.7	.7	.1							5.2	7.2
E	.7	2.0	2.3	.3								5.9	6.6
ESE	.3	1.5	2.4	.5	.1							4.9	7.3
SE	.2	3.0	3.0	.2	.2							7.2	7.5
SSE	.6	2.8	4.5	2.2								10.7	8.8
S	.7	3.0	10.1	5.3	.2	.1						20.2	5.4
SSW	.3	2.0	3.0	3.4	.7							9.4	10.0
SW	.2	.6	1.6	1.9	.1							4.4	10.9
WSW	.1	.8	2.3	1.3	.2							4.8	9.8
W	.2	.5	1.7	1.3	.1							4.1	9.6
WNW	.2	.2	.6	.1								1.2	6.5
NW	.1	.3	.2									.7	5.8
NNW	.2	.8	.1	.1								1.3	5.5
VARBL													
CALM												3.8	
	5.6	23.5	40.2	23.5	2.4	.7	.1					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS

854

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 28021 REFSE AFB TX STATION NAME YEARS 7-76, 78-78 SFR MONTH 1000-2000 HOURS (L.S.T.)
CLASS ALL WEATHER
CONDITION

SPEED (KNTS): DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.8	.7	.6	.4							2.5	8.4
NNE	.9	1.6	.6	1.3	.4	.2						5.1	8.4
NE	.9	1.9	2.4	1.4		.1						6.7	8.2
ENE	.9	2.3	1.4	.6								4.8	6.2
E	.9	4.0	2.1	.4								7.4	6.8
ESE	.1	3.0	2.7	.3								6.1	6.8
SE	1.1	6.1	1.9	.7								9.8	5.6
SSE	1.3	6.4	5.6	1.4		.1						14.8	7.0
S	1.1	6.8	8.8	2.3	.1							19.2	7.4
SSW	.6	2.8	1.6	1.4	.1							6.6	7.4
SW	.9	1.3	1.1	.4								3.7	6.3
WSW	.4	.9	1.2	.1								2.7	6.6
W	.1	.7	.3	.1								1.3	6.6
WNW	.1	.3										.4	2.7
NW		.3	.2		.1							.7	9.2
NNW	.1			.1								.2	8.0
VARBL													
CALM												7.4	
	10.6	28.9	20.8	11.6	1.3	.7						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 702

GLOBAL CLIMATE BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 75-78 SEP
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 2100-2300
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.2	.2	.2								1.0	5.3
NNE	1.6	1.0	1.2	1.4	.2							5.3	5.2
NE	.4	1.2	.6	.5								2.8	7.1
ENE	1.0	2.4	1.2									4.7	6.1
E	1.3	3.8	1.0	.2								6.3	4.9
ESE	1.4	4.5	2.0	.2								1.1	5.7
SE	2.4	7.7	1.2									11.2	4.3
SSE	1.6	6.9	3.4	1.2	.2							13.4	5.5
S	2.0	8.3	4.7	3.2	.6							19.8	7.2
SSW	1.2	3.6	2.6	1.2								5.7	6.7
SW	.2	1.8	1.0									3.0	5.5
WSW	.4	.4	.2									1.0	4.8
W	.4		.4									.8	5.1
WNW	.4	.2										.6	4.7
NW	.2											.2	3.3
NNW		.2	.2	.2								.5	5.0
VARBL													
CALM												12.6	
	15.6	42.3	20.0	8.5	1.0							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 494

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX
STATION NAME

7-70, 73-78
YEARS

SEP
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.2	1.3	1.1	.3	.1						4.5	6.0
NNE	.7	1.3	1.5	1.4	.3	.1	.1					5.3	6.4
NE	.5	1.9	2.0	1.5	.1	.1						6.0	6.3
ENE	.7	1.7	1.6	.4	.0							4.5	6.7
E	.7	1.9	1.6	.3								4.4	6.1
ESE	.6	1.7	1.4	.2	.0							3.0	6.4
SE	1.0	2.9	1.6	.3	.0							5.0	5.2
SSE	1.5	3.6	2.7	1.1	.0	.1						7.2	6.2
S	1.4	4.8	7.2	3.9	.2	.1						17.5	6.2
SSW	1.0	2.7	3.6	2.7	.2							10.2	6.4
SW	.5	1.5	2.0	1.3	.1							6.7	6.2
WSW	.5	1.2	1.4	.8	.1							3.8	7.5
W	.7	.9	.9	.6	.0							3.1	7.1
WNW	.5	.4	.4	.1	.0							1.5	5.5
NW	.4	.4	.4	.1	.0							1.3	5.9
NNW	.4	.8	.3	.2								1.7	5.7
VARBL													
CALM												11.4	
	12.2	28.9	30.0	15.6	1.3	.3	.0					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 5603

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 RCESE AFB TX 75-78 OCT
STATION MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	2.2	.3	.5		.3						3.8	7.6
NNE	.2	.3	.4	2.4	.5							5.4	13.4
NE	.3	.3	1.6	1.3								4.5	9.5
ENE	.3	.8	3.0									4.0	7.1
E	.3	1.6										1.4	5.1
ESE		1.3										1.3	4.6
SE	.8	1.3	.3									2.4	4.4
SSE	1.3	2.4	1.1									4.4	4.6
S	2.2	8.1	8.6	1.1								14.9	5.5
SSW	4.9	7.3	3.5	1.9	.3							17.7	6.2
SW	1.1	2.0	1.1	.5								5.6	5.2
WSW	1.1	1.6	1.9	.3								4.8	5.7
W	1.6	1.9										3.5	3.8
WNW	.3	.3										.5	4.0
NW	.5	1.6										2.2	3.9
NNW	.3	.3										.5	3.0
VARBL													
CALM												14.0	
	15.9	34.1	22.0	8.1	.8	1.1						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 372

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 OCT
STATION NAME YEARS MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.3	1.9	1.5	.8	.3							5.7	7.0
NNE	1.1	.6	1.4	1.9	.3	.2						5.7	10.3
NE	.2	.3	1.1	2.1								3.7	10.5
ENE		.8	.6	.6								2.1	8.2
E	.5	1.0	1.3	.2								2.8	7.1
ESE	.6	.5		.2								1.2	4.3
SE	.8	.5	.2	.2								1.8	4.5
SSE	.6	.5	.5	.3								1.2	4.0
S	2.6	4.3	4.8	.3	.2	.2						12.3	4.4
SSW	3.7	6.1	2.9	1.9								14.5	5.8
SW	3.2	2.1	1.3	.6								7.2	4.8
WSW	3.6	1.4	1.1	.2								5.7	4.4
W	1.9	1.6	.3	.3	.2							4.3	4.8
WNW	1.4	1.4	.2	.2								3.2	4.2
NW	1.1	1.3	.5	.2								3.0	4.8
NNW	1.3	1.0	.8	.2								3.2	5.1
VARBL													
CALM												21.5	
	23.3	25.4	18.7	9.7	1.0	.5						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 627

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 57-70, 73-78 JCT
STATION STATION NAME YEARS MONTH
ALL WEATHER 0000-0800
CLASS HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	2.1	3.4	1.9	1.8	.2	.1						7.5	7.1
NNE	.5	.8	1.1	2.0	.5							2.0	11.0
NE	.4	.7	.5	.7		.1						2.6	8.5
ENE	.1	.2	1.1	.5	.1							2.0	8.8
E	.2	.9	.6	.6	.1							2.6	7.2
ESE	.1	.5	.4									.4	5.7
SE	1.4	.4	.5	.1								2.4	4.3
SSE	.5	1.7	.1	.1								2.5	4.0
S	2.0	2.6	3.4	2.5	.1							10.7	7.2
SSW	2.3	1.8	3.9	1.3								9.2	8.9
SW	2.0	3.3	3.3	.4								5.8	5.2
WSW	2.1	1.8	1.1	.1								2.1	4.2
W	2.5	1.3	1.2	.5								5.5	5.2
WNW	1.5	1.2	.4	.1	.1							3.7	4.2
NW	1.4	2.1	.4	.2	.1							4.3	5.4
NNW	1.4	.8	.5	.4	.2							3.3	6.2
VARBL													
CALM												21.1	
	21.7	23.6	20.3	11.5	1.7	.2						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS 844

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-78

YEARS

JCT

NORTH

ALL WEATHER

CLASS

0900-1100

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		1.6	2.1	2.2	1.0	.3						7.3	11.6
NNE	.4	1.4	1.2	2.5	1.1	.2						6.9	11.6
NE	.3	.7	1.4	2.0	1.1							5.5	11.7
ENE	.2	.9	1.0	1.1	.1							3.2	9.3
E	.1	1.1	1.0	.9	.1							3.2	8.7
ESE	.2	.7	.9	.1								1.9	6.4
SE	.2	.4	1.3	.3								2.3	7.8
SSE	.3	1.1	1.4	.3								3.2	7.0
S	.4	1.6	3.6	4.9	.5							11.2	10.5
SSW	.4	1.5	6.1	5.3	.7							14.2	10.5
SW	.7	1.6	5.4	2.8	.5							11.1	9.3
WSW	.7	3.0	5.1	1.6								9.7	7.4
W	.8	2.8	2.5	1.4	.3							7.9	7.9
WNW	.7	.9	.4	.4	.3							2.7	8.0
NW	.3	.7	1.5	.9	.1							3.5	8.3
NNW	.3	1.1	.9	.1	.8							3.2	9.6
VARBL													
CALM												3.3	
	6.1	21.2	35.9	26.3	6.7	.2						100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

914

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX

STATION NAME

57-70, 73-78

YEARS

JCT

MONTH

ALL WEATHER

CLASS

1200-1400

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	1.4	1.5	1.7	.9	.5						6.2	11.0
NNE	.1	.7	2.2	2.1	.7	.2						6.1	11.8
NE	.3	1.2	2.4	1.9	.4							6.2	10.0
ENE	.4	.7	1.2	1.3	.3							5.9	9.2
E	.4	1.1	1.4	.2								3.2	7.1
ESE	.5	.7	.9	.2								1.9	6.2
SE	.1	.4	1.3	.5								2.4	8.3
SSE	.8	1.1	1.7	.8								4.4	7.6
S	.5	2.2	7.5	6.3	.3							16.9	10.1
SSW	.3	1.7	6.5	6.4	.3							15.4	10.4
SW	.1	1.0	4.4	3.3	.4							9.2	10.3
WSW	.7	1.3	2.8	1.0	.1							6.1	8.2
W	.3	2.1	2.4	1.7	.7							7.2	9.2
WNW	.1	1.3	1.0	.3	.1							2.8	7.5
NW	.2	.8	.5	.4	.2							2.3	8.3
NNW	.3	.3	.9	.1	.4	.1						2.2	10.3
VARBL													
CALM												3.7	
	5.7	16.1	38.2	28.3	5.1	.9						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

916

GLOBAL CLIMATOLOGY BRANCH
USAF/TAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 CT
STATION NAME YEARS MONTH
ALL WEATHER CLASS 1500-1700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	.7	1.7	2.1	.6	.1	.1					6.0	11.6
NNE	.6	1.2	2.4	1.1	.5							5.8	8.9
NE	.1	1.2	1.2	2.1	.3							5.1	10.3
ENE	.2	1.1	1.2	1.6								4.7	6.1
E	.7	1.4	1.8	.5								4.4	7.2
ESE	.6	.3	.2									1.1	3.9
SE	.3	1.1	1.8	.3								3.6	7.1
SSE		1.0	3.2	1.1								5.3	9.2
S	1.5	2.6	8.7	7.4	.9							21.1	9.8
SSW	.3	1.8	6.9	5.6	.1							14.8	10.0
SW	.2	1.4	2.1	2.7	.2							6.7	10.0
WSW	.3	.9	2.6	1.9	.8							4.7	10.2
W	.3	1.8	2.3	1.2	.1							5.8	8.0
WNW		.5	.6									1.0	4.9
NW	.3	.2	.3	.1	.1							1.1	7.2
NNW	.2	.6	.6	.7	.1		.1					2.3	6.8
VARBL													
CALM												4.6	
	6.3	17.8	38.1	28.8	4.0	.1	.2					100.0	9.0

TOTAL NUMBER OF OBSERVATIONS 886

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAF

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021

REESE AFB TX

67-70, 73-78

20

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1600-2000

CLASS

HOURE (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	1.2	1.1	.9	.3	.1						4.4	9.8
NNE	.5	1.1	1.7	.8	.3	.1						4.6	4.7
NE	.7	1.3	1.9	1.7	.7							5.9	5.8
ENE	.9	3.5	1.7	.8								7.0	6.5
E	.7	3.5	1.5	.1								5.8	5.5
ESE	1.2	2.5	.4									4.2	4.2
SE	.8	2.4	.9	.3								4.4	5.5
SSE	1.6	6.8	3.6	.8								12.0	5.9
S	2.5	10.7	9.7	3.4	.3							26.1	7.2
SSW	1.5	2.9	1.7	.8								7.0	6.3
SW	.9	2.0	1.7	.3								5.0	6.4
WSW		.8	.5									1.3	6.6
W	.9	.9	.3	.1								2.3	4.3
WNW		.4										.4	4.0
NW	.3	.1	.4	.1								.9	6.9
NNW	.4	.3	.3									.0	4.9
VARBL													
CALM												7.2	
	13.1	40.6	27.1	10.2	1.5	.3						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 OCT
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
2100-2300
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	56	%	MEAN WIND SPEED
N	.2	.4	.5	.4								1.6	3.3
NNE	.6	1.0	1.4	.3	1.4	.4						5.6	11.7
NE	.4	1.4	1.2	.8								3.8	7.3
ENE	.6	2.2	.6	1.0								4.4	6.2
E	1.2	4.0	.2									5.4	4.7
ESE	1.0	3.0	.2									4.2	4.5
SE	2.6	3.6	.2									5.4	3.9
SSE	1.0	7.0	2.2	.4								17.6	5.7
S	3.8	9.8	9.8	5.4								28.9	7.4
SSW	.8	4.2	3.2	1.0								9.2	6.7
SW	1.4	2.2	1.2	.8								5.4	5.8
WSW	.2	.8	.6									1.6	5.9
W	.2	1.2	.2									1.6	5.0
WNW		.2										.2	4.0
NW		.2										.2	6.0
NNW	.4	.8	.2									1.4	4.2
VARBL													
CALM												9.2	
	14.5	42.2	21.9	10.4	1.4	.4						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 498

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23021 REESE AFB TX STATION NAME 67-70, 73-78 YEARS OCT MONTH
CLASS ALL WEATHER HOURS (L.S.T.) ALL

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.6	1.5	1.4	.5	.2	.0					8.9	7.7
NNE	.5	.9	1.6	1.7	.7	.2						3.7	10.6
NE	.3	.9	1.4	1.7	.4	.0						4.7	10.1
ENE	.3	1.2	1.3	.9	.1							3.9	8.2
E	.5	1.7	1.1	.4	.0							3.7	6.7
ESE	.5	1.1	.4	.1								2.0	5.0
SE	.8	1.1	.9	.3								3.1	5.9
SSE	.7	2.4	1.8	.5								5.4	6.5
S	1.7	4.6	6.7	4.3	.3	.0						17.7	9.4
SSW	1.5	2.9	4.7	3.4	.2							12.6	8.5
SW	1.2	2.0	2.9	1.6	.2							7.4	7.9
WSW	1.0	1.5	2.2	.7	.1							5.5	7.2
W	1.0	1.8	1.4	.8	.2							5.2	7.1
WNW	.6	.8	.4	.2	.1							2.0	6.0
NW	.6	.8	.5	.3	.1							2.3	6.6
NNW	.6	.7	.6	.2	.2	.0	.0					2.3	7.7
VARBL													
CALM												10.1	
	12.4	26.1	29.3	19.4	3.2	.5	.0					100.0	7.3

TOTAL NUMBER OF OBSERVATIONS 5305

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX

7-75-78

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

000000200
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.7	.6	2.2	1.1							6.6	10.6
NNE	.8	1.7	1.4	2.2	.3							6.4	7.9
NE	.6	.3	1.8	1.1								2.9	8.4
ENE	.3	.3	1.1	.6								2.2	5.9
E	.6	.6	.3									1.4	4.0
ESE	.8	1.4	.6	.6								3.6	6.5
SE	.6	2.2	.3									3.0	4.6
SSE	1.7	1.7	1.1		.6							5.0	6.3
S	1.7	6.9	1.1	1.1		.3						11.1	6.5
SSW	2.8	3.9	3.6	3.0								13.3	7.5
SW	1.1	3.3	1.9	.6								6.9	6.3
WSW	1.1	2.5	1.9	.3								5.3	6.1
W	1.7	2.8	1.9	.3	.3							6.9	6.1
WNW	1.4	.8	.8		.3							3.3	6.3
NW	.3	1.1	.3									1.7	5.2
NNW	.6	.6	.3	.6	.3	.6						3.0	11.3
VARBL													
CALM												15.8	
	16.6	31.6	19.4	13.1	2.8	.3						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

261

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX

57-70, 73-78

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

0600-0500

CLASS

HOURLY (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.2	5.1	2.4	1.6	.6							11.2	7.9
NNE	.2	1.2	.6	2.6	.6							5.5	10.7
NE	.2	.6	1.2	.5	.2							2.4	8.4
ENE	.2	.4	.6	.4	.2							1.8	9.9
E		.4	.2									.6	7.0
ESE	.6	.8	.4	.6								2.4	6.2
SE	1.0	.2	.2									1.4	3.6
SSE	1.0	.8	.4									2.2	4.6
S	1.6	2.6	1.0	.6	.4							6.2	6.5
SSW	1.8	3.4	1.8	1.8								8.9	7.0
SW	1.6	2.2	2.0	1.0	.2							7.1	6.7
WSW	2.8	4.5	1.6	1.4	.2							10.5	6.0
W	1.6	3.0	1.8	1.0	.2							7.9	6.3
WNW	1.6	1.8	.4	.4	.2	.4						4.9	7.6
NW	1.4	1.8	1.0	1.0								5.3	6.2
NNW	1.4	.6	.2	.4	.2							2.8	5.9
VARBL													
CALM												18.3	
	18.7	29.6	16.2	13.8	3.0	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

493

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23021 STATION NAME REFSE AFB TX YEARS 67-70, 73-78 MONTH ALL
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0000
CONDITION _____

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	1.1	3.4	2.8	1.8	.5							6.7	7.9
NNE	.8	2.0	.9	1.8	.3							5.7	8.2
NE	.1	.5	.8	1.7	.1							3.2	10.8
ENE	.1	.3	.4	.4	.3							1.4	10.8
E	.5	1.0	.4	.3								2.2	6.9
ESE	.5	.4	.3									1.1	4.6
SE	.5	.3										.9	2.8
SSE	.5	.8	.3									1.7	4.5
S	.6	2.3	1.7	.6								5.2	4.8
SSW	2.4	2.8	1.0	1.3								7.5	4.0
SW	2.0	3.1	3.7	.9								9.7	4.6
WSW	1.4	2.4	2.9	.6								7.4	4.6
W	2.0	3.8	1.8	.6	.3	.1						8.7	4.3
WNW	2.8	3.6	1.5	1.0	.1							8.8	4.7
NW	1.0	1.3	1.0	.4								3.7	5.9
NNW	1.5	1.9	.8	.6		.1						5.0	5.8
VARBL													
CALM												12.1	
	18.0	29.9	20.2	12.0	1.5	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 782

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 57-70, 73-78
STATION MONTH
ALL WEATHER
CLASS
CONDITION
8200-1100
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	1.6	3.7	3.9	.5	.1						17.7	10.2
NNE	.1	1.0	1.9	1.2	.8							5.0	10.7
NE	.5	1.7	1.9	1.5	.5	.5						5.5	10.3
ENE	.3	.5	1.3	.9	.1							3.1	5.9
E	.9	.8	.6	.6								2.4	6.4
ESE	.3	.3	1.4									2.1	6.9
SE		.6	.8	.1								1.4	7.6
SSE	.0	.5	.6	.1								1.7	6.0
S	.1	1.3	2.4	2.7	.7	.1						7.3	11.0
SSW	.6	1.2	2.9	3.0	.3							8.0	10.0
SW	.0	2.4	2.9	3.8	.8							10.6	10.0
WSW	.0	2.3	2.4	2.1	.2							7.7	8.8
W	1.7	2.4	3.0	2.0	.3	.2						10.2	8.7
WNW	1.5	1.4	1.7	1.6	1.2	.1	.1					7.7	9.9
NW	.5	1.5	1.9	1.2	.2	.7						5.9	10.5
NNW	.5	1.2	1.4	.9	.8							4.8	9.5
VARBL													
CALM												4.3	
	9.6	20.8	30.8	25.7	7.0	1.7	.1					100.0	9.2

TOTAL NUMBER OF OBSERVATIONS 801

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23021 RELEASE AFB TX STATION NAME YEARS 67-70, 73-78 MONTH MAY
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.8	2.3	1.5	1.1	.4						7.6	10.7
NNE	.2	.3	2.1	1.6	.8	.2						5.2	11.9
NE		1.7	1.0	1.3	.7							4.2	11.2
ENE	.5	.9	1.1	1.1	.2							3.9	8.9
E	.6	.5	1.5	.1								2.0	6.2
ESE	.6	1.0	.5									2.1	5.1
SE	.6	.9	1.5	.2								3.3	6.9
SSE	.6	.5	1.3	.3								2.9	6.8
S	.3	1.3	3.3	3.3	.3							8.6	10.1
SSW		1.4	3.3	4.9	.8	.1						10.5	11.3
SW	1.0	1.5	4.2	3.8	1.3	.5	.1					12.3	11.1
WSW	.5	1.1	3.1	2.6	.9	.3	.1	.1				8.8	11.8
W	.6	1.5	2.4	2.2	2.2	.6						9.4	12.1
WNW	.2	.7	.8	1.6	2.1	.1						5.5	13.5
NW	.3	.6	1.1	1.4	.5	.3						4.2	11.9
NNW	.2	.3	.5	1.3	.6	.6	.1					3.5	14.5
VARBL													
CALM												4.5	
	7.2	16.0	29.9	27.5	11.4	3.1	.3	.1				100.0	13.3

TOTAL NUMBER OF OBSERVATIONS 876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021

REESE AFB TX

57-70, 75-78

NOV

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

1900-1700

CLASS

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.1	.9	1.9	1.2	.5	.7	.3					5.7	13.2
NNE	.3	.7	2.1	1.6	1.0	.1						5.1	11.2
NE	.5	1.2	1.0	1.2	.2							4.2	9.1
ENE	.1	.6	1.9	.5								3.0	8.6
E	1.0	2.0	.5	.6								4.1	5.8
ESE	.3	.9	.2	.3								2.0	6.1
SE	.3	1.0	.8	.5								2.7	7.0
SSE	.3	1.2	1.3	.3	.1							3.7	7.0
S	.7	3.7	4.7	3.0	.2							12.3	8.5
SSW	.8	1.7	5.2	4.8	.2							12.8	9.7
SW	.7	.5	3.3	4.3	.7	.1						9.5	10.3
WSW	.2	.6	2.0	3.0	1.6	.3	.1	.3				8.3	14.4
W	.5	1.6	3.3	2.7	1.0	.1						9.2	10.3
WNW	.5	1.0	1.2	1.4	.2	.2						4.5	10.1
NW	.7	.9	1.5	.7	.2	.2						4.3	9.1
NNW	.1	.6	.6	.8	.6	.1						2.8	11.8
VARBL													
CALM												4.8	
	8.1	19.2	31.3	26.9	6.8	2.1	.5	.3				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

859

GLOBAL CLIMATOLOGY BRANCH
USAFSTAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78
STATION STATION NAME YEARS
ALL WEATHER
CLASS
CONDITION
REV MONTH
1000-2000
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	2.6	.7	.4	.4	.4						5.5	9.3
NNE	1.1	.8	1.8	1.4	.6	.3						5.9	9.7
NE	.7	2.8	.3	1.5	.1							5.4	7.5
ENE	.6	1.7	1.5	.6								4.6	4.4
E	.4	1.7	.8	.1								3.0	5.0
ESE	1.0	2.1	1.2	.4								4.7	4.0
SE	1.7	2.9	.8									5.4	4.6
SSE	1.8	4.3	1.0	.3								7.3	5.1
S	1.1	9.4	5.2	.7								16.4	6.1
SSW	1.7	7.9	3.0	.6								13.4	5.9
SW	1.2	3.2	1.7		.1							6.2	5.5
WSW	.3	1.1	1.4	1.4	.4		.1					4.7	9.8
W	.8	1.9	.6	.7	.1							4.1	6.7
WNW	.1			.4								.6	11.0
NW	.3	.4	.1		.1	.1	.1					1.2	11.9
NNW	.3	.7	.1	.3								1.4	6.9
VARBL													
CALM												10.1	
	13.7	43.4	20.3	9.4	1.9	1.0	.3					100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 724

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 DAY
STATION STATION NAME YEARS
ALL WEATHER CLASS NORTH
2100-2300 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.8	.8	1.3	.2	.6						4.6	10.3
NNE	.8	1.3	.6	2.5		.4						5.7	5.7
NE	1.3	1.5	1.1	2.3								6.1	6.0
ENE	.2	1.3	1.3	.2								2.9	5.6
E	.6	1.3	.8									2.7	5.3
ESE	.8	1.5	1.1	.2								3.6	5.7
SE	1.1	3.6	1.1									5.7	5.0
SSE	1.7	4.0	1.9	.6								8.2	6.2
S	1.9	3.3	4.6	1.1								12.8	6.4
SSW	3.2	5.9	4.2	1.1	.2							14.5	6.1
SW	1.1	3.2	1.7									5.9	5.3
WSW	.4	2.5	1.9	1.1								5.4	7.4
W	.8	1.7	.8	.4	.2							4.0	6.5
WNW	.4	1.1	.2	.2								1.0	5.9
NW	.4	.6				.2						1.3	7.3
NNW	.2		.2	.4	.2							1.1	12.6
VARBL													
CALM												12.2	
	15.6	35.3	22.3	11.3	.8	1.3						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 476

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAVC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78
STATION NAME YEARS
ALL WEATHER
CLASS
ALL
MONTHS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	2.2	2.1	1.3	.6	.4	.1					7.8	5.8
NNE	.5	1.1	1.5	1.7	.6	.1						5.6	10.2
NE	.4	1.4	1.1	1.4	.3	.1						4.7	8.3
ENE	.3	.7	1.2	.6	.1							3.0	8.3
E	.7	1.1	.7	.3								2.7	5.9
ESE	.6	1.0	.7	.2								2.5	6.0
SE	.7	1.3	.7	.1								2.8	5.6
SSE	1.0	1.5	.9	.2	.1							3.8	5.9
S	.8	3.7	3.2	1.8	.2	.0						9.9	7.9
SSW	1.4	3.2	3.1	2.8	.2	.0						10.8	8.2
SW	1.1	2.3	2.9	2.2	.5	.1	.0					9.0	8.7
WSW	.8	1.9	2.2	1.7	.5	.1	.1	.1				7.5	9.5
W	1.2	2.3	2.1	1.4	.8	.2						7.8	8.7
WNW	1.0	1.3	.9	1.0	.6	.1	.0					5.0	9.0
NW	.6	1.0	1.0	.7	.2	.2	.0					3.7	9.1
NNW	.6	.8	.6	.7	.4	.2	.0					3.2	9.7
VARBL													
CALM												10.0	
	12.6	26.9	25.0	18.8	5.0	1.5	.2	.1				100.0	7.7

TOTAL NUMBER OF OBSERVATIONS 5433

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 23021 STATION NAME REESE AFB TX YEARS 75-79 MONTH DEC
CLASS ALL WEATHER HOURS (L.S.T.) 0000-0200
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.3	1.1	1.3	3.8	1.6							8.1	12.2
NNE	.2	1.1	1.6	3.0	.3							6.5	10.0
NE	.2	.5	.8	.8	.3							3.0	2.2
ENE	.2	1.1	.2									2.2	5.2
E		1.3	.5									1.6	6.0
ESE													
SE	.3	1.1	.3									1.6	4.7
SSE		1.6										1.6	4.8
S	1.3	2.2	1.0									5.1	5.5
SSW	1.9	3.0	5.6	1.6								12.1	7.4
SW	1.0	3.2	5.4	2.2								12.4	7.6
WSW	2.4	3.8	4.0	1.6	.3							12.1	7.2
W	2.7	5.4	1.3									9.4	4.8
WNW	1.3	3.0	.3		.5	.3						5.4	6.9
NW	.3	3.5	.5	.8								5.1	6.1
NNW	.3	1.3	1.3	1.1								4.0	6.0
VARBL													
CALM												9.9	
	14.0	33.1	25.0	14.6	3.0	.3						100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 372

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX 67-70, 73-78 LEC
STATION STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
4300-0500
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.7	4.3	2.2	2.1							12.0	11.1
NNE	.4	1.7	1.1	1.7	.2	.4						5.6	6.7
NE	.2	.4	.9	.2	.2							1.2	9.1
ENE	.2	.4	.9									1.5	6.9
E	.2	.2										.4	4.0
ESE	.4	.4	.4									1.3	4.5
SE	.2	.2										.4	3.0
SSE		.2	.2									.4	6.0
S	1.3	1.7	.6	.2								3.9	5.4
SSW	1.5	2.4	2.6	1.9								8.4	7.5
SW	1.3	3.6	2.1	2.8								9.9	7.5
WSW	1.9	3.9	4.3	2.4	.2							12.6	7.7
W	2.6	4.7	2.1	.4								9.2	5.5
WNW	2.1	3.2	2.1	.6	.2							8.4	6.1
NW	.9	2.8	1.5	.4								5.6	5.8
NNW	.9	.6	1.3	.6								3.4	7.4
VARBL													
CALM												14.6	
	14.8	28.3	24.4	14.6	3.0	.4						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS 467

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 0800-0800
STATION STATION NAME YEARS MONTH HOURS (L.S.T.)
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.8	2.5	2.9	2.7	1.1	.3						10.2	9.8
NNE	.1	.3	1.1	1.2	.9	.3						3.8	13.2
NE	.4	.6	.8	1.3								3.3	8.7
ENE		.1	.3	.3								.7	10.0
E	.1		.1									.3	5.0
ESE	.1		.1									.3	4.5
SE	.1	.8										.9	4.6
SSE		.5	.1									.7	5.4
S	.5	1.5	.4	.4								2.8	6.1
SSW	1.1	3.6	1.5	1.2								7.8	6.7
SW	2.8	3.3	2.8	1.5	.1							10.5	6.6
WSW	1.9	5.0	2.4	1.2	.1							10.6	6.2
W	2.5	5.2	3.6	1.1	.4	.1						12.9	6.8
WNW	2.0	3.6	3.6	1.1	.1	.1	.1					10.6	7.2
NW	2.4	1.9	1.6	.5								6.4	5.5
NNW	1.9	1.6	1.1	.8								5.3	5.7
VARBL													
CALM												13.5	
	16.7	30.6	22.3	13.1	2.8	.8	.1					100.0	6.3

TOTAL NUMBER OF OBSERVATIONS 754

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 260
STATION STATION NAME YEARS MONTH
ALL WEATHERS
CLASS
0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.7	.7	3.5	3.0	2.1	.8						10.5	12.4
NNE	.3	.3	.7	3.6	.9	.3						6.2	13.5
NE	.3	.5	.9	1.6								3.4	9.7
ENE	.5	.3	1.0	1.0								2.9	8.7
E	.1	.2	.1									.5	5.8
ESE	.1	.1	.2									.5	6.0
SE	.1		.3	.1								.6	3.4
SSE		.7	.7	.1								1.5	7.5
S	.1	1.0	1.6	1.4	.3							4.5	9.5
SSW	.3	1.4	2.4	3.9	.5							8.6	10.6
SW	.2	2.0	3.0	2.9	.5							8.6	9.5
WSW	1.4	2.1	3.2	2.2	.3							9.2	8.3
W	.6	3.5	5.4	4.9	1.4	.9	.3	.2				17.2	11.5
WNW	.3	2.1	2.5	2.4	.8	.7	.1					9.0	11.3
NW	.3	.8	2.4	1.7	.2							5.5	9.4
NNW	1.3	.9	2.3	1.4	.6							6.5	8.7
VARBL													
CALM												4.0	
	6.8	16.6	30.5	30.3	7.6	2.5	.5	.2				100.0	9.9

TOTAL NUMBER OF OBSERVATIONS 865

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/1AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-78

YEARS

DEC

MONTH

ALL WEATHER

CLASS

1200=1400

HOURLS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.6	2.8	3.0	2.4	.5						9.5	13.1
NNE		.3	1.8	1.9	1.1	.1						5.2	12.9
NE	.1	.6	1.1	2.5	.1	.2						4.7	11.6
ENE	.2	.1	1.2	.5								2.0	8.4
E	.2	1.2	.7									2.4	5.4
ESE	.2	.3	.1									.7	5.3
SE	.1	.3	.5									.5	5.4
SSE	.3	.6	.2	.3								1.5	6.9
S	.2	1.9	3.5	4.0	.6							10.0	10.4
SSW	.5	.8	2.8	5.6	1.0	.1						10.8	11.9
SW	.1	1.5	2.8	4.4	1.0	.5						10.5	12.0
WSW		1.4	2.0	2.2	1.2	.1						6.4	11.5
W	.2	1.1	2.7	6.5	1.6	1.7	.1	.2				14.2	13.9
WNW	.1	.2	1.2	2.5	1.9	1.1	.7	.1				7.0	16.9
NW	.1	.8	1.4	1.0	.6	.3						4.2	11.7
NNW	.3	.9	1.8	2.4	.7	.1						6.2	11.1
VARBL													
CALM												2.3	
	3.3	13.0	26.7	36.7	12.3	4.7	.6	.3				100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

880

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX
STATION NAME

67-70, 73-78
YEARS

DEC
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.4	.8	2.2	4.0	1.5	.1	.1					9.1	12.3
NNE	.4	.5	1.1	2.7	.6							5.2	11.1
NE	.1	1.5	1.3	2.9	.1	.1						6.1	10.5
ENE	.1	.2	1.0	1.1								2.4	10.2
E	.1	.6	.5									1.2	6.2
ESE	.2	.4	.1									.7	4.3
SE	.4	.4	.7	.1								1.6	6.3
SSE	.2	1.2	.4	.2								2.1	6.2
S	.8	2.4	3.9	5.1	.7							12.7	10.3
SSW	.6	.8	2.9	5.7	1.1	.1						11.3	11.6
SW		1.1	2.7	5.0	1.2	.2						10.2	12.4
WSW	.1	1.3	2.1	3.5	.5	.2	.1					7.9	11.6
W	.6	.8	2.5	4.5	1.0	.3	.1	.1				10.2	12.4
WNW		.2	1.7	3.2	1.0	.3	.2	.1				7.3	15.2
NW	.5	1.7	1.0	1.7	.4		.1					5.3	9.5
NNW	1.0	1.1	2.2	.6	.2	.1						5.2	8.2
VARBL													
CALM												1.6	
	5.3	15.2	26.2	40.2	8.2	2.3	.7	.2				100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

925

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78 DEC 1900-2000
STATION NAME CLASS MONTH HOURS (L.S.T.)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.4	2.0	1.2	.6	.2						6.1	8.4
NNE	1.1	2.3	.6	2.5	1.1							7.6	8.8
NE	.8	.8	.6	1.2	.5							3.8	9.5
ENE	.5	.8	2.7	.6	.3							4.7	8.0
E	.5	.6	.7									2.0	5.7
ESE	.3	.5	.3									1.1	5.1
SE	.5	1.6	.8									2.8	5.4
SSE	.9	3.3	1.4	.5								6.1	5.6
S	1.2	8.7	7.6	1.2								18.9	6.7
SSW	.9	4.4	4.5	.9								10.8	6.9
SW	2.0	2.7	2.3	.5								7.5	5.7
WSW	1.2	2.2	2.3	.3								6.1	6.1
W	1.4	3.4	1.6	.2								6.6	5.1
WNW	.6	1.4	.5	.6	.2		.3					3.6	8.6
NW	.5	.5	.5	.2	.2							1.7	7.1
NNW		.8	1.1	.2	.2	.2						2.3	9.9
VARBL													
CALM												8.3	
	12.9	35.3	29.8	10.1	3.0	.3	.3					100.0	6.8

TOTAL NUMBER OF OBSERVATIONS: 641

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 67-70, 73-78
STATION MONTH
ALL WEATHER
2100-2500
HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	2.2	.9	2.8	1.1							7.3	10.5
NNE	.6	1.3	1.9	1.9	.9							6.7	10.2
NE		.4	1.7	1.1								3.2	10.3
ENE	.2	1.1	1.1									2.4	6.4
E	.6	1.5	.9									3.2	5.2
ESE		.2	.4									.6	6.3
SE		.6	1.3									1.9	7.6
SSE	.2	2.6	.4	.2								3.4	5.6
S	.4	5.6	4.5	2.6								12.1	7.7
SSW	1.3	4.1	4.9	2.6								12.9	7.6
SW	1.3	3.2	2.8	.6								8.0	6.6
WSW	.4	4.5	3.4	.6								9.0	6.8
W	2.4	2.8	1.3	.2								6.7	5.1
WNW	1.1	2.8	1.3	.6	.4		.2					6.5	7.7
NW	.9	1.3	.9	.4								3.4	6.2
NNW	.9	1.1	.2									2.2	3.9
VARBL													
CALM												9.7	
	11.0	35.3	28.0	13.5	2.4		.2					100.0	6.7

TOTAL NUMBER OF OBSERVATIONS 465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

23021 REESE AFB TX

67-70, 73-78

DEC

STATION

STATION NAME

YEARS

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.3	2.6	2.9	1.6	.2	.0					9.2	11.5
NNE	.4	.9	1.2	2.3	.8	.2						5.3	11.2
NE	.3	.7	1.0	1.7	.1	.1						2.4	10.1
ENE	.2	.4	1.1	.5	.0							2.4	8.3
E	.3	.7	.4									1.4	5.5
ESE	.2	.2	.2									.6	5.1
SE	.2	.6	.5	.0								1.2	6.1
SSE	.2	1.2	.5	.2								2.1	6.1
S	.0	2.9	3.0	2.1	.3							9.0	4.4
SSW	.9	2.3	3.2	3.3	.4	.6						10.1	9.3
SW	1.0	2.4	2.9	2.7	.5	.1						8.6	9.0
WSW	1.0	2.8	2.8	1.9	.4	.1	.0					8.9	8.3
W	1.4	3.1	2.8	2.8	.7	.3	.1	.1				11.6	9.5
WNW	.8	1.8	1.8	1.7	.7	.5	.2	.0				7.6	10.9
NW	.7	1.5	1.3	.9	.2	.1	.0					4.7	8.1
NNW	.9	1.0	1.5	1.0	.3	.1						4.7	8.4
VARBL													
CALM												7.2	
	9.7	23.9	26.8	24.0	6.0	1.8	.4	.1				100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

3269

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021 REESE AFB TX 57-70, 73-79 ALL
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.2	1.5	1.6	.6	.3	.0	.0		.0		5.8	10.6
NNE	.5	.9	1.2	1.3	.5	.2	.0	.0				4.4	10.4
NE	.3	.9	1.2	1.1	.2	.1	.0	.0				3.8	9.3
ENE	.3	.9	1.2	.7	.1	.0	.0					3.3	8.2
E	.5	1.4	1.5	.6	.0	.0	.0					4.0	7.4
ESE	.4	1.2	1.2	.5	.1	.0						3.4	7.5
SE	.6	1.8	1.8	.9	.1	.0						5.2	7.6
SSE	.9	2.5	2.7	1.5	.3	.1	.0					8.0	8.2
S	1.2	3.9	5.6	4.8	.8	.1	.0	.0				16.4	9.3
SSW	.9	2.4	3.3	2.8	.4	.1	.0					9.9	9.0
SW	.8	1.7	2.4	1.9	.4	.1	.0	.0				7.3	9.2
WSW	.7	1.5	1.7	1.2	.4	.2	.1	.0	.0			5.8	9.6
W	.8	1.7	1.7	1.4	.6	.3	.1	.0				5.5	9.9
WNW	.5	.9	.8	.7	.3	.2	.1	.0				3.5	9.8
NW	.4	.8	.7	.5	.1	.1	.0	.0				2.6	8.4
NNW	.4	.7	.7	.5	.2	.1	.0	.0				2.6	8.8
VARBL													
CALM												7.5	
	9.8	24.3	29.1	22.2	5.0	1.6	.4	.1	.0	.0		100.0	8.4

TOTAL NUMBER OF OBSERVATIONS 66270

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX
STATION NAME

67-70, 73-79
YEARS

ALL
MONTH

INSTRUMENT

CLASS

CIG 200 TO 1400 FT W/ VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

ALL
HOURLY (L.S.T.)

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.5	1.0	1.8	2.3	.9	.3	.2	.0		.0		7.2	12.5
NNE	.6	1.2	2.3	3.5	1.5	.6	.1					9.7	12.2
NE	.5	1.6	3.0	3.4	.5	.3	.1	.0				9.5	10.6
ENE	.6	1.8	3.0	1.5	.2	.1	.0					7.2	8.7
E	.7	2.7	2.9	.8	.1	.0	.0					7.2	7.4
ESE	.5	1.5	1.7	1.0	.1							4.8	7.8
SE	.5	1.7	2.3	1.5	.1	.0						6.0	8.4
SSE	.5	1.8	2.7	1.6	.1	.1	.0					6.9	8.8
S	.8	2.5	3.9	3.0	1.0	.2	.1	.0				11.4	9.9
SSW	.5	1.2	2.8	2.1	.4	.2	.0					6.9	10.1
SW	.4	.5	1.8	1.2	.1	.3	.2	.1				4.6	11.9
WSW	.2	.6	.6	.3	.2	.4	.6	.3	.0			3.2	17.0
W	.2	.4	.4	.1	.4	1.2	.8	.1				3.7	18.3
WNW	.1	.2	.2	.2	.3	.9	.4					2.4	20.3
NW	.1	.2	.2	.2	.1	.2	.1	.0				1.1	13.7
NNW	.3	.3	.5	.4	.1	.2		.0				1.6	10.3
VARBL													
CALM												6.5	
	6.9	19.3	29.7	23.0	6.1	5.0	2.8	.6	.0	.0		100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

5283

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX

STATION NAME

70, 75-79

YEARS

JAN
MONTH

ALL WEATHER

CLASS

0000-0200

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.4	.5	1.9	.7	.7		.2				6.9	11.6
NNE	.9	.2	.5	2.4	.5		.5	.2				5.2	13.5
NE	1.2	.7	1.7	1.9		.2						5.7	9.1
ENE	.5	.2	1.7	.5								2.8	8.2
E	.5	1.7	1.2	.2								3.5	6.7
ESE	.9	.5	1.2	1.2								3.8	7.9
SE	1.2	1.4	2.4									5.0	5.8
SSE	.2	2.6										2.8	4.8
S	1.9	3.3	2.6	.5								8.2	6.0
SSW	.9	2.8	2.8	1.4								8.0	7.2
SW	.7	2.6	2.6	2.1	.2							8.3	8.3
WSW	2.8	2.8	3.3	.2								9.2	5.4
W	1.7	4.7	1.7	.9	.5							9.5	7.1
WNW	.9	1.2	.7	.7								3.5	6.1
NW	.5	1.4	.7	1.2	.2							4.0	8.0
NNW	.2	1.2	.7	.2								2.4	5.8
VARBL													
CALM												11.1	
	16.5	28.8	24.1	15.4	2.1	.9	.5	.5				100.0	6.

TOTAL NUMBER OF OBSERVATIONS

423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-79

YEARS

ALL

MONTH

ALL OF THE

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	1.2	1.5	1.6	.6	.3	.0	.0		.0		5.3	10.6
NNE	.5	.9	1.2	1.3	.5	.2	.0	.0				4.4	10.4
NE	.3	.9	1.2	1.1	.2	.1	.0	.0				3.8	9.3
ENE	.3	.9	1.2	.7	.1	.0	.0					3.3	8.2
E	.5	1.4	1.5	.6	.0	.0	.0					4.0	7.4
ESE	.4	1.2	1.2	.5	.1	.0						3.4	7.5
SE	.6	1.8	1.8	.9	.1	.0						5.2	7.6
SSE	.9	2.5	2.7	1.5	.3	.1	.0					5.0	5.2
S	1.2	3.9	5.6	4.8	.8	.1	.0	.0				14.4	9.3
SSW	.9	2.4	3.3	2.8	.4	.1	.0					9.9	9.0
SW	.8	1.7	2.4	1.9	.4	.1	.0	.0				7.3	9.2
WSW	.7	1.5	1.7	1.2	.4	.2	.1	.0	.0			5.8	9.6
W	.8	1.7	1.7	1.4	.6	.3	.1	.0				6.5	9.9
WNW	.5	.9	.8	.7	.3	.2	.1	.0				3.5	9.8
NW	.4	.8	.7	.5	.1	.1	.6	.0				2.6	8.4
NNW	.4	.7	.7	.5	.2	.1	.0	.0				2.6	8.8
VARBL													
CALM												7.5	
	9.8	24.3	29.1	22.2	5.0	1.6	.4	.1	.0	.0		100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

6270

U. S. AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968.

Continued on Reverse Side

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 0
NO CEILING															
≥ 1800															
≥ 1500					91.0										92.6
≥ 1200															
≥ 1000															
≥ 900															
≥ 800															
≥ 700															
≥ 600															
≥ 500										97.4					98.1
≥ 400															
≥ 300															
≥ 200															
≥ 100															
≥ 0					95.4		96.9			98.3					100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.
For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.
Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:
Visibility ≥ 3 miles = 91.0%.
Visibility ≥ 2 miles = 96.9%.
Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.

Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus, 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

70, 75, 79

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

040, 75, 230

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 3/8	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9
≥ 20000	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	74.7	74.9	74.9	74.9	74.9	74.9	75.2	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 12000	75.2	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 10000	76.4	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 9000	77.1	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 8000	78.5	78.7	78.7	78.7	78.7	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000	79.0	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 6000	79.7	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	81.1	81.3	81.3	81.3	81.3	81.3	81.6	81.6	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 4500	81.8	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4000	81.8	82.0	82.0	82.0	82.0	82.0	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 3500	83.5	83.7	83.7	83.7	83.7	83.7	83.9	83.9	83.9	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	84.6	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	85.6	85.8	85.8	85.8	85.8	85.8	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000	85.6	85.8	85.8	85.8	85.8	85.8	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800	86.1	86.5	86.5	86.5	86.5	86.5	87.0	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	86.5	87.0	87.0	87.0	87.0	87.0	87.5	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1200	88.2	88.7	88.7	88.7	88.7	88.7	89.1	89.1	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1000	89.4	89.8	89.8	89.8	89.8	89.8	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 900	89.4	89.8	89.8	89.8	89.8	89.8	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 800	90.1	90.9	90.9	90.9	90.9	90.9	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 700	90.3	91.0	91.0	91.0	92.0	92.0	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 600	90.8	91.5	91.5	91.5	92.4	92.4	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 500	91.5	93.4	93.4	93.4	94.3	94.3	95.0	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	91.7	93.6	93.6	93.6	94.6	94.6	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	92.0	93.9	93.9	93.9	94.8	94.8	95.5	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 200	92.0	93.9	93.9	93.9	94.8	94.8	95.5	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 100	92.0	93.9	93.9	93.9	94.8	94.8	95.5	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 0	92.0	93.9	93.9	93.9	94.8	94.8	95.5	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2

TOTAL NUMBER OF OBSERVATIONS

423

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

8-70, 73-79

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	63.3	63.8	64.3	64.2	64.4	64.4	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
≥ 20000	69.3	69.8	70.0	70.2	70.4	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	69.3	69.8	70.0	70.2	70.4	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	69.3	69.8	70.0	70.2	70.4	70.4	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	69.5	70.0	70.2	70.4	70.5	70.5	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	70.5	71.1	71.3	71.4	71.6	71.6	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	72.8	73.4	73.5	73.7	73.9	73.9	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 9000	72.8	73.4	73.5	73.7	73.9	73.9	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 8000	74.4	75.0	75.1	75.3	75.5	75.5	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 7000	75.0	75.5	75.7	75.8	76.0	76.0	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 6000	75.7	76.2	76.4	76.5	76.7	76.7	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 5000	76.7	77.2	77.4	77.6	77.8	77.8	78.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	78.3	78.8	79.0	79.2	79.4	79.4	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 4000	78.5	79.0	79.2	79.4	79.5	79.5	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 3500	79.4	79.9	80.1	80.2	80.4	80.4	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 3000	80.6	81.1	81.3	81.5	81.7	81.7	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 2500	81.5	82.0	82.2	82.4	82.5	82.5	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000	83.2	84.0	84.1	84.3	84.5	84.5	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	83.4	84.1	84.3	84.5	84.7	84.7	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 1500	83.6	84.3	84.5	84.7	84.8	84.8	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 1200	84.3	85.2	85.4	85.5	85.7	85.7	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1000	85.4	86.4	86.6	86.6	86.9	86.9	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 900	85.7	86.8	86.9	87.1	87.3	87.3	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 800	85.9	86.9	87.1	87.5	87.7	87.7	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 700	86.1	87.3	87.5	87.8	88.2	88.4	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 600	86.8	88.2	88.4	88.7	89.2	89.4	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	87.1	88.9	89.1	89.4	89.9	90.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 400	87.5	89.8	89.9	90.3	90.8	91.0	92.4	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 300	87.5	89.8	89.9	90.3	90.8	91.0	92.6	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 200	87.5	89.9	90.1	90.5	91.0	91.2	92.9	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 100	87.5	89.9	90.1	90.5	91.0	91.2	92.9	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 0	87.5	89.9	90.1	90.5	91.0	91.2	92.9	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS

567

USAF ETAC

FORM 1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

8-70, 73-75

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0500-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	60.1	61.4	62.2	62.5	62.6	62.6	62.7	62.7	62.7	62.9	63.1	63.1	63.2	63.3	63.3	63.4
≥ 20000	65.5	67.2	67.8	68.1	68.2	68.2	68.4	68.4	68.4	68.6	68.7	68.7	68.9	69.0	69.0	69.1
≥ 18000	65.8	67.3	67.9	68.2	68.4	68.4	68.5	68.5	68.5	68.7	68.8	68.8	69.1	69.1	69.1	69.2
≥ 16000	65.8	67.4	68.0	68.4	68.5	68.5	68.6	68.6	68.6	68.8	68.8	68.8	69.1	69.1	69.1	69.2
≥ 14000	66.0	67.6	68.2	68.5	68.7	68.7	68.8	68.8	68.8	69.1	69.2	69.2	69.4	69.4	69.4	69.5
≥ 12000	67.2	68.8	69.4	69.8	69.9	69.9	70.0	70.0	70.0	70.2	70.4	70.4	70.6	70.6	70.6	70.7
≥ 10000	68.7	70.4	70.9	71.3	71.4	71.4	71.5	71.5	71.5	71.8	71.9	71.9	72.1	72.1	72.1	72.2
≥ 9000	68.7	70.5	71.1	71.4	71.5	71.5	71.6	71.6	71.6	71.9	72.0	72.0	72.2	72.2	72.2	72.3
≥ 8000	70.4	72.1	72.6	73.2	73.3	73.3	73.4	73.4	73.4	73.6	73.8	73.8	74.0	74.0	74.0	74.1
≥ 7000	70.6	72.4	73.1	73.4	73.5	73.5	73.6	73.6	73.6	73.9	74.1	74.1	74.2	74.2	74.2	74.3
≥ 6000	71.1	72.9	73.6	74.0	74.1	74.1	74.2	74.2	74.2	74.5	74.6	74.6	74.8	74.8	74.8	74.9
≥ 5000	72.0	74.0	74.7	75.1	75.2	75.2	75.3	75.3	75.3	75.5	75.6	75.6	75.8	75.8	75.8	75.9
≥ 4500	72.4	74.4	75.1	75.4	75.5	75.5	75.6	75.6	75.6	75.9	76.0	76.0	76.2	76.2	76.2	76.3
≥ 4000	72.4	74.4	75.1	75.4	75.5	75.5	75.6	75.6	75.6	75.9	76.0	76.0	76.2	76.2	76.2	76.3
≥ 3500	73.2	75.2	75.9	76.2	76.4	76.4	76.5	76.5	76.5	76.7	76.8	76.8	77.1	77.1	77.1	77.2
≥ 3000	73.8	76.0	76.7	77.2	77.3	77.3	77.4	77.4	77.4	77.6	77.8	77.8	78.0	78.0	78.0	78.1
≥ 2500	75.1	77.4	78.1	78.6	78.7	78.7	78.8	78.8	78.8	79.1	79.2	79.2	79.4	79.4	79.4	79.5
≥ 2000	76.4	79.2	79.9	80.4	80.5	80.5	80.7	80.7	80.7	80.9	81.1	81.1	81.3	81.3	81.3	81.4
≥ 1800	76.5	79.3	80.0	80.6	80.7	80.7	80.9	80.9	80.9	81.2	81.3	81.3	81.5	81.5	81.5	81.6
≥ 1500	77.1	79.9	80.6	81.2	81.3	81.3	81.5	81.6	81.6	81.9	82.0	82.0	82.2	82.2	82.2	82.3
≥ 1200	77.3	80.1	80.8	81.4	81.6	81.6	81.9	82.0	82.0	82.2	82.4	82.4	82.6	82.6	82.6	82.7
≥ 1000	78.1	81.3	82.1	82.9	83.2	83.2	83.5	83.6	83.6	84.0	84.1	84.1	84.4	84.4	84.4	84.5
≥ 900	78.7	81.9	82.8	83.8	84.0	84.1	84.6	84.8	84.8	85.2	85.3	85.3	85.5	85.5	85.5	85.6
≥ 800	79.1	82.5	83.5	84.5	84.7	84.8	85.3	85.5	85.5	85.9	86.0	86.0	86.2	86.2	86.2	86.3
≥ 700	79.3	82.9	84.0	84.9	85.2	85.3	85.8	86.1	86.1	86.5	86.6	86.6	86.8	86.8	86.8	86.9
≥ 600	79.3	82.4	84.7	85.8	86.2	86.4	86.8	87.3	87.3	87.6	87.7	87.7	87.9	87.9	87.9	88.0
≥ 500	79.3	84.1	85.5	86.5	87.3	87.4	87.9	88.5	88.5	88.9	89.2	89.2	89.4	89.4	89.4	89.5
≥ 400	79.4	84.4	85.8	86.9	87.6	87.9	88.8	89.8	89.8	90.7	91.2	91.2	91.4	91.4	91.4	91.5
≥ 300	79.5	84.7	86.6	87.8	88.6	88.8	89.9	90.9	90.9	92.0	92.4	92.4	92.6	92.6	92.6	92.7
≥ 200	79.5	84.7	86.7	87.9	88.7	88.9	90.1	91.3	91.3	92.9	94.0	94.0	94.2	94.2	94.2	94.3
≥ 100	79.5	84.7	86.7	87.9	88.7	88.9	90.1	91.3	91.3	93.1	95.1	95.1	95.3	95.3	95.3	95.4
≥ 0	79.5	84.7	86.7	87.9	88.7	88.9	90.1	91.3	91.3	93.1	95.1	95.1	95.3	95.3	95.3	95.4

TOTAL NUMBER OF OBSERVATIONS

25

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

68-70, 73-79

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

070, 1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	53.1	55.3	55.9	56.2	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000	60.1	63.3	63.9	64.2	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7
≥ 18000	60.8	64.0	64.5	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3
≥ 16000	61.8	65.0	65.6	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
≥ 14000	62.5	65.8	66.3	66.7	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
≥ 12000	65.3	68.7	69.2	69.5	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
≥ 10000	67.2	71.0	71.6	71.9	72.0	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4
≥ 9000	67.9	71.7	72.2	72.6	72.7	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2
≥ 8000	68.7	72.7	73.4	73.7	73.8	73.9	74.1	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
≥ 7000	68.8	72.8	73.5	73.8	73.9	74.0	74.2	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
≥ 6000	69.2	73.4	74.0	74.4	74.5	74.6	74.8	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1
≥ 5000	70.0	74.4	75.0	75.5	75.6	75.7	75.9	76.1	76.1	76.1	76.1	76.2	76.3	76.3	76.3	76.3
≥ 4500	70.3	74.7	75.4	75.8	75.9	76.0	76.3	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6
≥ 4000	70.5	75.1	75.8	76.3	76.4	76.5	76.8	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3
≥ 3500	70.9	75.6	76.3	76.7	76.8	76.9	77.3	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7
≥ 3000	71.5	76.5	77.3	77.7	77.8	77.9	78.3	78.5	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8
≥ 2500	71.8	77.4	78.4	78.8	79.4	79.5	79.8	80.0	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.5
≥ 2000	72.8	78.4	79.5	79.9	80.5	80.7	81.0	81.3	81.4	81.5	81.5	81.6	81.7	81.7	81.7	81.7
≥ 1800	72.8	78.4	79.5	79.9	80.5	80.7	81.0	81.3	81.4	81.5	81.5	81.6	81.7	81.7	81.7	81.7
≥ 1500	73.4	79.0	80.2	80.9	81.6	81.9	82.3	82.5	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9
≥ 1200	73.9	80.0	81.2	81.9	82.6	82.9	83.3	83.5	83.7	83.8	83.9	83.9	84.1	84.1	84.1	84.1
≥ 1000	74.1	81.2	82.3	83.1	83.7	84.1	84.4	84.6	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.3
≥ 900	74.1	81.7	82.8	83.7	84.4	84.7	85.1	85.3	85.6	85.7	86.0	86.0	86.1	86.1	86.1	86.1
≥ 800	74.5	82.6	83.7	84.6	85.3	85.8	86.2	86.4	86.7	86.8	87.1	87.1	87.2	87.2	87.2	87.2
≥ 700	74.6	83.3	84.5	85.7	86.5	87.1	87.4	87.6	88.0	88.1	88.3	88.3	88.4	88.4	88.4	88.4
≥ 600	74.8	83.6	85.2	86.5	87.4	88.1	88.6	89.0	89.3	89.4	89.5	89.5	89.7	89.7	89.7	89.7
≥ 500	74.8	83.6	85.3	86.7	87.8	88.5	89.3	89.6	90.2	90.4	90.9	90.9	91.0	91.0	91.0	91.0
≥ 400	74.8	83.6	85.4	86.8	88.0	89.3	90.3	91.1	91.8	92.2	92.9	92.9	93.0	93.0	93.0	93.0
≥ 300	74.9	83.8	85.7	87.2	88.4	89.7	91.1	92.3	93.1	93.9	94.8	94.8	95.2	95.2	95.4	95.4
≥ 200	74.9	83.8	85.7	87.2	88.5	90.0	91.3	92.5	93.5	94.8	95.9	95.9	97.0	97.2	97.2	97.4
≥ 100	74.9	83.8	85.7	87.2	88.5	90.0	91.3	92.5	93.5	94.8	95.9	96.1	97.3	97.5	98.7	99.6
≥ 0	74.9	83.8	85.7	87.2	88.5	90.0	91.3	92.5	93.5	94.8	95.9	96.1	97.3	97.5	98.7	99.6

TOTAL NUMBER OF OBSERVATIONS

997

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

R-70-73-79

YEARS

DATA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	57.5	60.9	61.2	62.1	62.4	62.9	62.9	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4
≥ 20000	64.1	67.8	68.2	69.2	69.5	69.9	70.0	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥ 18000	64.5	68.3	68.7	69.4	69.9	70.3	70.5	70.7	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	65.5	69.3	69.7	70.7	71.0	71.4	71.6	71.8	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1
≥ 14000	66.2	70.2	70.7	71.7	72.0	72.4	72.6	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
≥ 12000	68.0	72.1	72.7	73.7	74.0	74.3	74.6	74.8	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 10000	69.8	74.2	74.8	75.8	76.1	76.4	76.8	77.0	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4
≥ 9000	70.4	74.8	75.3	76.3	76.7	77.0	77.3	77.5	77.8	77.8	77.8	78.1	78.1	78.1	78.1	78.1
≥ 8000	70.7	75.3	75.9	76.9	77.2	77.5	78.0	78.2	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6
≥ 7000	70.9	75.9	76.4	77.4	77.8	78.1	78.5	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2
≥ 6000	71.1	76.1	76.7	77.6	78.0	78.3	78.7	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4
≥ 5000	71.9	77.1	77.6	78.6	79.0	79.3	79.7	80.0	80.2	80.2	80.2	80.4	80.4	80.4	80.4	80.4
≥ 4500	72.0	77.2	77.8	78.7	79.1	79.4	79.8	80.1	80.3	80.3	80.3	80.5	80.5	80.5	80.5	80.5
≥ 4000	72.2	77.6	78.2	79.2	79.6	80.0	80.4	80.6	80.8	80.8	80.8	81.1	81.1	81.1	81.1	81.1
≥ 3500	72.5	77.9	78.4	79.4	79.8	80.2	80.6	80.8	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3
≥ 3000	72.8	78.2	79.0	80.0	80.5	80.9	81.4	81.6	81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1
≥ 2500	73.2	78.6	79.4	80.4	80.9	81.3	81.8	82.0	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5
≥ 2000	74.2	79.7	80.5	81.8	82.4	82.7	83.3	83.5	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9
≥ 1800	74.6	80.2	80.9	82.3	82.8	83.1	83.7	83.9	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4
≥ 1500	75.6	81.8	82.6	83.9	84.5	84.8	85.4	85.6	85.8	85.8	85.8	86.1	86.1	86.1	86.1	86.1
≥ 1200	75.9	82.4	83.3	84.8	85.6	85.9	86.6	86.9	87.1	87.1	87.1	87.3	87.3	87.3	87.3	87.3
≥ 1000	76.0	83.0	83.9	85.6	86.5	86.9	87.6	87.9	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3
≥ 900	76.2	83.7	84.6	86.3	87.4	87.9	88.5	88.9	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3
≥ 800	76.7	84.6	85.6	87.3	88.4	88.9	89.5	89.9	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3
≥ 700	76.7	84.9	86.1	88.0	89.3	89.8	90.4	90.9	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3
≥ 600	76.8	85.2	86.7	88.8	90.2	90.6	91.5	92.1	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5
≥ 500	76.8	85.4	87.0	89.2	90.7	91.6	92.7	93.5	93.7	93.8	93.8	94.2	94.2	94.2	94.2	94.2
≥ 400	76.8	85.6	87.6	89.9	91.7	93.1	94.2	95.3	95.6	95.8	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300	76.8	85.6	87.6	89.9	92.1	93.4	94.8	96.1	96.6	97.2	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	76.8	85.6	87.6	89.9	92.1	93.4	94.8	96.1	96.6	97.4	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	76.8	85.6	87.6	89.9	92.2	93.5	94.9	96.3	96.7	97.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	76.8	85.6	87.6	89.9	92.2	93.5	94.9	96.3	96.7	97.5	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

96

USAF ETAC

FORM 1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

8-73, 73-79

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥1/4	≥1/8	≥0
NO CEILING	58.5	62.4	62.9	63.8	64.1	64.5	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	65.5	70.5	70.9	72.1	72.5	72.9	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
≥ 18000	66.1	71.1	71.5	72.6	73.1	73.4	73.6	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
≥ 16000	67.0	72.0	72.4	73.6	74.0	74.6	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 14000	67.9	73.0	73.4	74.7	75.3	75.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 12000	70.0	75.3	75.7	77.0	77.5	78.1	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 10000	72.3	77.6	78.1	79.5	80.1	80.7	80.8	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 9000	72.6	78.0	78.4	79.8	80.5	81.0	81.2	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 8000	73.3	78.9	79.3	80.7	81.4	82.0	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 7000	73.7	79.2	79.7	81.0	81.7	82.3	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 6000	73.8	79.3	79.8	81.2	82.0	82.5	82.6	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 5000	74.3	80.1	80.6	82.0	82.9	83.4	83.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500	74.5	80.2	80.7	82.1	83.0	83.5	83.7	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 4000	75.1	80.9	81.4	82.7	83.7	84.2	84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 3500	75.4	81.2	81.6	83.0	83.9	84.4	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 3000	75.6	81.5	82.0	83.3	84.4	85.0	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2500	75.6	81.7	82.2	83.5	84.6	85.4	85.7	85.9	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4
≥ 2000	76.2	82.6	83.1	84.6	85.9	86.5	86.8	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800	76.6	83.1	83.5	85.0	86.4	86.9	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1500	77.4	84.4	84.9	86.4	87.7	88.3	88.6	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 1200	77.5	84.7	85.4	87.1	88.5	89.1	89.4	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 1000	77.8	85.1	85.8	87.5	89.3	89.9	90.2	90.7	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 900	77.8	85.2	85.9	87.9	89.7	90.2	90.7	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 800	77.9	85.6	86.4	88.4	90.2	90.8	91.3	91.7	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	78.0	85.6	87.1	89.3	91.4	91.9	92.5	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 600	78.0	86.2	87.3	89.6	91.7	92.3	93.1	93.5	93.8	93.9	94.1	94.1	94.1	94.1	94.1	94.1
≥ 500	78.0	86.7	88.2	91.0	93.6	94.4	95.7	96.3	96.6	96.8	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	78.0	86.8	88.3	91.1	93.9	94.6	95.9	96.6	97.0	97.3	98.1	98.0	98.0	98.0	98.0	98.0
≥ 300	78.0	86.8	88.3	91.3	94.0	94.7	96.1	96.8	97.3	97.6	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	78.0	86.8	88.3	91.3	94.0	94.7	96.1	96.8	97.3	97.6	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	78.1	86.9	88.4	91.4	94.1	94.8	96.3	96.9	97.4	98.0	98.8	98.8	98.8	98.8	98.8	98.8
≥ 0	78.1	86.9	88.4	91.4	94.1	94.8	96.3	96.9	97.4	98.0	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS

861

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

R-73-73-79

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	69.8	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	73.6	74.2	76.3	76.3	76.3	76.3	76.3	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	73.7	75.2	76.4	76.4	76.4	76.4	76.4	76.7	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0
≥ 16000	74.2	76.8	77.0	77.0	77.0	77.0	77.0	77.2	77.2	77.4	77.5	77.5	77.5	77.5	77.5	77.5
≥ 14000	76.0	78.7	78.8	78.8	78.8	78.8	78.8	79.1	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3
≥ 12000	77.7	80.4	80.5	80.5	80.5	80.5	80.5	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	79.1	81.8	81.9	81.9	81.9	81.9	81.9	82.2	82.2	82.3	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	79.3	82.1	82.2	82.2	82.2	82.2	82.2	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7
≥ 8000	81.2	84.2	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	81.5	84.6	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5
≥ 6000	81.5	84.6	84.9	84.9	84.9	84.9	84.9	85.2	85.2	85.3	85.5	85.5	85.5	85.5	85.5	85.5
≥ 5000	82.2	85.2	85.6	85.6	85.6	85.6	85.6	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	82.6	85.6	86.0	86.0	86.0	86.0	86.0	86.3	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	82.9	86.0	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	83.1	86.4	86.8	86.8	86.8	86.8	86.8	87.0	87.0	87.2	87.3	87.3	87.3	87.3	87.3	87.3
≥ 3000	83.5	86.9	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.8	88.0	88.1	88.1	88.1	88.1	88.1
≥ 2500	84.2	87.8	88.2	88.2	88.4	88.4	88.4	88.7	88.7	88.9	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2000	84.8	88.6	89.0	89.0	89.2	89.2	89.2	89.4	89.4	89.6	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1800	85.5	89.5	89.9	89.9	90.2	90.2	90.2	90.6	90.6	90.7	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500	86.4	90.7	91.2	91.2	91.6	91.6	91.6	92.0	92.0	92.1	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	86.6	91.2	91.9	92.0	92.4	92.4	92.4	92.8	92.8	92.9	93.2	93.2	93.2	93.2	93.2	93.2
≥ 1000	87.0	91.6	92.3	92.4	92.8	92.8	92.8	93.2	93.2	93.3	93.6	93.6	93.6	93.6	93.6	93.6
≥ 900	87.4	92.1	93.1	93.2	93.6	93.7	94.0	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 800	87.4	92.3	93.2	93.3	93.7	94.0	94.2	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 700	87.4	92.3	93.2	93.3	93.8	94.1	94.4	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 600	87.4	92.4	93.6	93.7	94.4	94.6	95.0	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	87.4	92.8	94.3	94.4	95.2	95.5	96.1	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	87.6	93.2	94.5	94.8	95.7	95.9	96.5	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	87.7	93.5	94.8	95.0	95.9	96.2	96.7	97.0	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200	87.7	93.5	94.8	95.0	95.9	96.2	96.7	97.0	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 100	87.7	93.5	94.8	95.0	95.9	96.2	96.7	97.0	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 0	87.7	93.5	94.8	95.0	95.9	96.2	96.7	97.0	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS

764

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

8-70, 73-79

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM MONTHLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 20000	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 18000	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 10000	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 9000	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 6000	84.7	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 2500	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 1800	90.2	90.6	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2
≥ 1500	91.0	91.4	91.4	91.4	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0	92.0
≥ 1200	92.0	92.3	92.3	92.3	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.9	92.9	92.9
≥ 1000	92.7	93.1	93.1	93.1	93.3	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.7	93.7	93.7
≥ 900	92.9	93.5	93.5	93.5	93.7	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3
≥ 800	93.5	94.1	94.1	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
≥ 700	93.5	94.1	94.1	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
≥ 600	93.5	94.3	94.3	94.4	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0
≥ 500	93.5	94.4	94.4	94.6	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.4	95.4	95.4
≥ 400	93.5	94.4	94.4	94.8	95.0	95.0	95.0	95.2	95.4	95.4	95.4	95.4	95.4	95.8	95.8	95.8
≥ 300	93.5	94.4	94.6	95.0	95.2	95.2	95.2	95.4	95.8	95.8	95.8	96.0	96.0	96.4	96.4	96.4
≥ 200	93.5	94.4	94.6	95.0	95.2	95.4	95.4	95.6	96.0	96.0	96.0	96.4	96.4	97.1	97.1	97.1
≥ 100	93.5	94.4	94.6	95.0	95.2	95.4	95.4	95.6	96.0	96.0	96.0	96.4	96.4	97.9	97.9	97.9
≥ 0	93.5	94.4	94.6	95.0	95.2	95.4	95.4	95.6	96.0	96.0	96.0	96.4	96.4	97.9	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS

522

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

11-70, 73-79

JA

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	61.8	63.8	64.1	64.5	64.7	64.8	64.9	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.3
≥ 20000	67.5	70.0	70.3	70.8	70.8	71.1	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.6
≥ 15000	67.8	70.3	70.6	71.1	71.2	71.4	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9
≥ 10000	68.3	70.5	71.2	71.6	71.8	71.9	72.1	72.2	72.3	72.4	72.4	72.4	72.4	72.5	72.5	72.5
≥ 8000	69.2	71.7	72.1	72.6	72.6	72.9	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.5
≥ 6000	70.8	73.5	73.8	74.3	74.5	74.6	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2
≥ 4000	72.7	75.5	75.8	76.3	76.5	76.7	76.9	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.3
≥ 3000	73.0	75.8	76.2	76.7	76.9	77.0	77.3	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.7
≥ 2000	74.2	77.1	77.5	78.0	78.2	78.4	78.6	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1
≥ 1800	74.5	77.5	77.9	78.4	78.6	78.8	79.0	79.1	79.2	79.3	79.4	79.4	79.4	79.4	79.4	79.4
≥ 1600	74.9	77.9	78.3	78.8	79.0	79.2	79.4	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.9
≥ 1400	75.7	78.8	79.3	79.8	80.0	80.2	80.4	80.5	80.6	80.7	80.8	80.8	80.8	80.8	80.8	80.9
≥ 1200	76.2	79.3	79.7	80.2	80.5	80.6	80.9	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.3	81.3
≥ 1000	76.5	79.7	80.1	80.6	80.9	81.0	81.2	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.8
≥ 900	77.0	80.3	80.7	81.2	81.5	81.6	81.9	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3
≥ 800	77.6	81.0	81.5	82.0	82.3	82.5	82.8	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.3
≥ 700	78.2	81.8	82.3	82.8	83.2	83.4	83.7	83.9	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 600	79.1	82.9	83.4	84.0	84.4	84.6	85.0	85.1	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5
≥ 500	79.4	83.2	83.8	84.4	84.8	85.0	85.4	85.5	85.6	85.7	85.8	85.8	85.8	85.9	85.9	85.9
≥ 400	80.1	84.2	84.7	85.4	85.9	86.1	86.4	86.6	86.6	86.8	86.9	86.9	86.9	87.0	87.0	87.0
≥ 300	80.6	84.8	85.4	86.2	86.8	87.0	87.3	87.5	87.6	87.7	87.9	87.9	88.0	88.0	88.0	88.0
≥ 200	81.1	85.7	86.3	87.1	87.7	88.0	88.3	88.5	88.7	88.8	88.9	88.9	89.1	89.1	89.1	89.1
≥ 100	81.3	86.1	86.8	87.7	88.4	88.6	89.0	89.3	89.4	89.6	89.7	89.7	89.8	89.8	89.8	89.8
≥ 0	81.7	86.7	87.4	88.3	89.0	89.3	89.7	90.0	90.1	90.3	90.4	90.4	90.5	90.5	90.5	90.5
≥ 10000	81.8	87.0	87.8	88.9	89.7	90.0	90.5	90.8	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.4
≥ 8000	81.9	87.4	88.4	89.5	90.4	90.8	91.4	91.7	91.9	92.0	92.1	92.1	92.2	92.2	92.2	92.3
≥ 6000	82.0	87.8	89.0	90.2	91.4	91.8	92.6	93.0	93.2	93.5	93.7	93.7	93.8	93.8	93.9	93.9
≥ 4000	82.1	88.1	89.3	90.6	91.8	92.4	93.3	94.0	94.3	94.6	95.0	95.0	95.2	95.2	95.3	95.3
≥ 3000	82.2	88.2	89.5	90.8	92.2	92.8	93.8	94.6	94.9	95.5	96.2	96.2	96.7	96.7	96.8	96.9
≥ 2000	82.2	88.2	89.6	90.9	92.2	92.8	94.0	94.8	95.1	96.0	96.9	96.9	97.9	98.1	98.3	98.4
≥ 1000	82.2	88.2	89.6	90.9	92.2	92.9	94.0	94.8	95.2	96.1	97.1	97.2	98.2	98.5	98.4	99.7
≥ 0	82.2	88.2	89.6	90.9	92.2	92.9	94.0	94.8	95.2	96.1	97.1	97.2	98.3	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

5812

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

75-79

YEARS

FEB

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	61.2	62.4	62.6	63.1	63.8	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.8	65.0	65.0
≥ 20000	68.3	69.7	70.0	70.4	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	72.1	72.3	72.3
≥ 18000	68.6	70.0	70.2	70.7	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.3	72.6	72.6
≥ 16000	68.6	70.0	70.2	70.7	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.3	72.6	72.6
≥ 14000	68.6	70.2	70.4	70.9	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.6	72.8	72.8
≥ 12000	69.5	70.9	71.2	71.5	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.3	73.5	73.5
≥ 10000	69.5	70.9	71.2	71.5	72.3	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	73.3	73.5	73.5
≥ 9000	70.2	71.6	71.9	72.3	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	74.0	74.2	74.2
≥ 8000	70.4	71.9	72.1	72.6	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	74.2	74.5	74.5
≥ 7000	71.9	73.5	73.8	74.2	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.9	76.1	76.1
≥ 6000	72.3	74.0	74.2	74.7	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	76.4	76.6	76.6
≥ 5000	72.8	74.5	74.7	75.2	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8	77.1	77.1
≥ 4500	72.8	74.5	74.7	75.2	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8	77.1	77.1
≥ 4000	72.8	74.5	74.7	75.2	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8	77.1	77.1
≥ 3500	72.8	74.5	74.7	75.2	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8	77.1	77.1
≥ 3000	72.8	74.5	74.7	75.2	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.8	77.1	77.1
≥ 2500	73.3	74.9	75.2	75.7	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	77.3	77.5	77.5
≥ 2000	74.0	75.7	75.9	76.4	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.3	77.3	78.0	78.3	78.3
≥ 1800	74.2	75.9	76.1	76.6	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	78.3	78.5	78.5
≥ 1500	74.2	76.1	76.4	76.8	77.5	77.5	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.7	79.0	79.0
≥ 1200	76.1	78.5	78.7	79.2	79.9	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4	81.1	81.3	81.3
≥ 1000	76.4	79.7	80.1	80.9	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.7	83.0	83.0
≥ 900	76.8	80.4	80.9	81.6	82.3	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.5	83.7	83.7
≥ 800	77.3	80.9	81.6	82.3	83.0	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	84.2	84.4	84.4
≥ 700	78.3	82.3	83.0	83.7	84.4	84.4	84.9	84.9	85.1	85.1	85.1	85.1	85.1	86.1	86.3	86.3
≥ 600	78.5	83.0	84.2	85.1	85.8	85.8	86.3	86.3	86.5	86.8	87.0	87.0	87.0	87.7	87.9	87.9
≥ 500	78.7	84.4	85.6	86.8	87.5	87.5	88.2	88.2	88.4	88.7	88.9	88.9	88.9	89.6	89.8	89.8
≥ 400	78.7	84.6	86.1	87.2	87.9	88.2	88.9	89.4	89.6	89.8	90.1	90.1	90.1	90.8	91.2	91.2
≥ 300	78.7	84.6	86.1	87.2	88.4	88.7	89.3	90.8	91.0	91.7	92.4	92.4	92.4	93.1	93.9	93.9
≥ 200	78.7	84.6	86.1	87.2	88.4	88.7	89.3	91.0	91.7	92.4	93.4	93.4	93.4	94.3	95.2	95.2
≥ 100	78.7	84.6	86.1	87.2	88.4	88.7	89.3	91.0	91.7	92.4	93.4	93.4	93.4	94.3	95.3	95.3
≥ 0	78.7	84.6	86.1	87.2	88.4	88.7	89.3	91.0	91.7	92.4	93.4	93.4	93.4	94.3	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS

423

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

68-70, 73-79

FE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥1/2	≥0
NO CEILING	61.6	63.2	63.6	63.6	63.8	63.8	63.8	64.0	64.0	64.4	64.5	64.5	64.5	64.5	64.5	64.5
≥ 20000	66.2	69.6	70.2	70.2	70.4	70.4	70.4	70.6	70.6	70.9	71.1	71.1	71.1	71.1	71.1	71.1
≥ 18000	68.2	69.6	70.2	70.2	70.4	70.4	70.4	70.6	70.6	70.9	71.1	71.1	71.1	71.1	71.1	71.1
≥ 16000	68.2	69.6	70.2	70.2	70.4	70.4	70.4	70.6	70.6	70.9	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	68.4	70.0	70.4	70.4	70.6	70.6	70.6	70.7	70.7	71.1	71.3	71.3	71.3	71.3	71.3	71.3
≥ 12000	69.7	71.3	71.7	71.7	71.8	71.8	71.8	72.0	72.0	72.4	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000	70.4	72.0	72.4	72.4	72.6	72.6	72.6	72.8	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3
≥ 9000	70.4	72.0	72.4	72.4	72.6	72.6	72.6	72.8	72.8	73.1	73.3	73.3	73.3	73.3	73.3	73.3
≥ 8000	70.6	72.2	72.6	72.6	72.8	72.8	72.8	72.9	72.9	73.3	73.5	73.5	73.5	73.5	73.5	73.5
≥ 7000	71.1	72.8	73.1	73.1	73.3	73.3	73.3	73.5	73.5	73.9	74.1	74.1	74.1	74.1	74.1	74.1
≥ 6000	71.5	73.1	73.5	73.5	73.7	73.7	73.7	73.9	73.9	74.2	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	71.7	73.3	73.7	73.7	73.9	73.9	73.9	74.0	74.0	74.4	74.6	74.6	74.6	74.6	74.6	74.6
≥ 4500	71.8	73.7	74.0	74.0	74.2	74.2	74.2	74.4	74.4	74.8	75.0	75.0	75.0	75.0	75.0	75.0
≥ 4000	72.0	73.9	74.2	74.2	74.4	74.4	74.4	74.6	74.6	75.0	75.1	75.1	75.1	75.1	75.1	75.1
≥ 3500	72.2	74.0	74.4	74.4	74.6	74.6	74.6	74.8	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.3
≥ 3000	72.4	74.6	75.0	75.0	75.1	75.1	75.1	75.3	75.3	75.7	75.9	75.9	75.9	75.9	75.9	75.9
≥ 2500	72.9	75.3	75.7	75.7	75.9	75.9	75.9	76.1	76.1	76.4	76.6	76.6	76.6	76.6	76.6	76.6
≥ 2000	73.1	75.5	75.9	75.9	76.1	76.1	76.1	76.2	76.2	76.6	76.8	76.8	76.8	76.8	76.8	76.8
≥ 1800	73.1	75.5	75.9	76.1	76.2	76.2	76.2	76.4	76.4	76.8	77.0	77.0	77.0	77.0	77.0	77.0
≥ 1500	73.5	76.6	77.1	77.3	77.5	77.5	77.5	77.7	77.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2
≥ 1200	74.4	78.1	78.6	78.8	79.2	79.2	79.2	79.3	79.3	79.7	79.9	79.9	79.9	79.9	79.9	79.9
≥ 1000	75.3	79.7	80.3	80.4	81.0	81.0	81.2	81.4	81.4	81.7	81.9	81.9	81.9	81.9	81.9	81.9
≥ 900	75.5	79.9	80.6	80.8	81.4	81.4	81.5	81.7	81.7	82.1	82.3	82.3	82.3	82.3	82.3	82.3
≥ 800	75.7	80.1	80.8	81.0	81.5	81.5	81.7	81.9	81.9	82.3	82.5	82.5	82.5	82.5	82.5	82.5
≥ 700	76.4	80.8	81.7	81.9	82.4	82.4	82.6	82.8	82.8	83.4	83.7	83.7	83.7	83.7	83.7	83.7
≥ 600	76.6	81.5	82.6	83.4	84.5	84.5	85.0	85.2	85.2	85.7	86.1	86.1	86.1	86.1	86.1	86.1
≥ 500	77.3	82.8	83.9	84.6	86.1	86.1	87.0	87.2	87.2	87.8	88.1	88.1	88.1	88.1	88.1	88.1
≥ 400	77.3	82.8	84.3	85.2	87.2	87.2	88.1	88.3	88.3	88.8	89.2	89.2	89.2	89.2	89.2	89.2
≥ 300	77.3	82.8	84.8	85.9	88.1	88.1	89.3	89.9	90.5	91.6	92.0	92.1	92.5	92.7	92.7	92.9
≥ 200	77.3	82.8	84.8	86.1	88.7	88.7	90.5	90.9	91.4	92.7	93.1	93.2	93.4	94.0	94.1	94.2
≥ 100	77.3	82.8	84.8	86.1	88.7	88.7	90.5	90.9	91.4	92.9	93.2	93.4	94.5	94.7	97.1	97.4
≥ 0	77.3	82.8	84.8	86.1	88.7	88.7	90.5	90.9	91.4	92.9	93.4	93.6	94.7	94.9	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS

547

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

58-70, 73-79

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	60.4	61.9	62.3	62.7	62.7	62.7	62.8	62.9	62.9	63.1	63.1	63.1	63.4	63.4	63.5	64.1
≥ 20000	65.1	66.7	67.1	67.4	67.4	67.4	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	68.3	68.8
≥ 18000	65.5	67.1	67.4	67.8	67.8	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.5	69.2
≥ 16000	65.5	67.1	67.4	67.8	67.8	67.8	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.5	69.2
≥ 14000	65.8	67.3	67.7	68.1	68.1	68.1	68.2	68.3	68.3	68.5	68.5	68.5	68.5	68.5	69.2	69.3
≥ 12000	66.5	68.1	68.5	68.9	68.9	68.9	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.5	70.2
≥ 10000	68.3	69.9	70.4	70.8	70.8	70.8	70.9	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.6	72.2
≥ 9000	68.6	70.1	70.7	71.0	71.0	71.0	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.8	72.2
≥ 8000	68.6	70.1	70.7	71.0	71.0	71.0	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.8	72.2
≥ 7000	69.0	70.5	71.0	71.4	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	72.2	72.8
≥ 6000	69.8	71.3	71.8	72.2	72.2	72.2	72.3	72.5	72.5	72.6	72.6	72.6	72.6	72.6	73.0	73.6
≥ 5000	70.0	71.6	72.2	72.7	72.7	72.7	72.8	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.5	74.1
≥ 4500	70.0	71.7	72.3	73.0	73.0	73.0	73.1	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.7	74.4
≥ 4000	70.7	72.3	73.0	73.6	73.6	73.6	73.7	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.4	75.0
≥ 3500	71.4	73.2	73.9	74.5	74.5	74.5	74.6	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.3	75.9
≥ 3000	71.6	73.5	74.1	74.8	74.8	74.8	74.9	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.5	76.2
≥ 2500	71.6	73.7	74.6	75.3	75.3	75.3	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	76.3	77.0
≥ 2000	72.2	74.5	75.4	76.1	76.1	76.1	76.4	76.6	76.6	76.7	76.7	76.7	76.7	76.7	77.1	77.7
≥ 1800	72.3	74.8	75.7	76.3	76.3	76.3	76.7	76.8	76.8	77.0	77.0	77.0	77.0	77.0	77.3	78.0
≥ 1500	73.2	75.1	77.0	77.6	77.6	77.6	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.6	79.3
≥ 1200	74.3	77.3	78.2	78.9	78.9	78.9	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.9	80.6
≥ 1000	75.0	78.1	79.0	79.9	79.9	79.9	80.3	80.4	80.4	80.6	80.6	80.6	80.6	80.6	81.0	81.7
≥ 900	75.2	78.2	79.3	80.3	80.3	80.3	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.5	82.1
≥ 800	75.2	78.4	79.4	80.6	80.6	80.6	81.2	81.3	81.3	81.5	81.5	81.5	81.5	81.5	82.1	82.8
≥ 700	75.4	79.3	80.3	81.6	81.6	81.6	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	83.0	83.7
≥ 600	75.4	79.7	80.8	82.4	82.4	82.4	83.3	83.5	83.5	83.7	83.7	83.7	83.7	83.7	84.1	84.8
≥ 500	75.5	80.3	82.1	83.9	83.9	83.9	85.1	85.4	85.4	85.5	85.5	85.5	85.5	85.5	86.0	86.7
≥ 400	75.5	80.4	82.4	84.4	84.4	84.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	86.3	87.0
≥ 300	75.5	80.4	82.4	84.4	84.4	84.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	86.3	87.0
≥ 200	75.5	80.4	82.4	84.4	84.4	84.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	86.3	87.0
≥ 100	75.5	80.4	82.4	84.4	84.4	84.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	86.3	87.0
≥ 0	75.5	80.4	82.4	84.4	84.4	84.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	86.3	87.0

TOTAL NUMBER OF OBSERVATIONS

777

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

8-70, 73-79

YEARS

FE

WCTE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

MOON

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/5	≥1/10	≥0
NO CEILING	59.7	63.3	63.9	64.3	64.3	64.4	64.4	64.6	64.6	64.7	64.7	64.8	64.8	65.0	65.2	65.2
≥ 20000	62.6	66.3	67.5	67.8	67.8	68.0	68.0	68.1	68.1	68.2	68.2	68.3	68.3	68.5	68.7	68.7
≥ 18000	63.0	66.5	67.8	68.2	68.2	68.3	68.3	68.5	68.5	68.6	68.6	68.7	68.7	68.9	69.1	69.1
≥ 16000	63.1	67.0	68.2	68.6	68.6	68.7	68.7	68.8	68.8	68.9	68.9	69.1	69.1	69.3	69.5	69.5
≥ 14000	63.6	67.6	68.8	69.2	69.2	69.3	69.3	69.4	69.4	69.5	69.5	69.7	69.7	69.9	70.1	70.1
≥ 12000	65.4	69.7	71.0	71.4	71.4	71.5	71.5	71.6	71.6	71.7	71.7	71.9	71.9	72.1	72.3	72.3
≥ 10000	67.2	71.5	72.8	73.2	73.2	73.3	73.3	73.4	73.4	73.6	73.6	73.7	73.7	73.9	74.1	74.1
≥ 9000	67.5	71.9	73.2	73.6	73.6	73.7	73.7	73.8	73.8	73.9	73.9	74.1	74.1	74.3	74.5	74.5
≥ 8000	67.5	72.1	73.6	73.9	73.9	74.1	74.1	74.2	74.2	74.3	74.3	74.4	74.4	74.7	74.8	74.8
≥ 7000	68.0	72.6	74.1	74.4	74.4	74.5	74.5	74.7	74.7	74.8	74.8	74.9	74.9	75.2	75.3	75.3
≥ 6000	68.3	73.0	74.4	74.8	74.8	74.9	74.9	75.0	75.0	75.2	75.2	75.3	75.3	75.5	75.8	75.8
≥ 5000	68.9	73.6	75.3	75.5	75.5	75.6	75.6	75.8	75.8	75.9	75.9	76.1	76.1	76.4	76.6	76.6
≥ 4500	69.2	73.9	75.5	76.0	76.0	76.1	76.1	76.2	76.2	76.4	76.4	76.5	76.5	76.7	76.9	76.9
≥ 4000	69.8	74.7	76.2	76.7	76.7	76.9	76.9	77.0	77.0	77.2	77.2	77.3	77.3	77.5	77.7	77.7
≥ 3500	70.3	75.2	76.7	77.2	77.2	77.3	77.3	77.5	77.5	77.7	77.7	77.8	77.8	78.1	78.2	78.2
≥ 3000	70.4	75.3	76.9	77.3	77.3	77.5	77.5	77.7	77.7	77.9	77.9	78.1	78.1	78.3	78.5	78.5
≥ 2500	70.4	75.3	76.9	77.3	77.3	77.5	77.5	77.7	77.7	77.9	77.9	78.1	78.1	78.3	78.5	78.5
≥ 2000	71.3	76.1	77.7	78.2	78.2	78.4	78.4	78.6	78.6	78.8	78.8	79.0	79.0	79.2	79.4	79.4
≥ 1800	71.3	76.1	77.7	78.2	78.2	78.4	78.4	78.6	78.6	78.8	78.8	79.0	79.0	79.2	79.4	79.4
≥ 1500	71.6	76.5	78.1	78.7	78.7	79.0	79.0	79.2	79.2	79.4	79.4	79.7	79.7	80.0	80.1	80.1
≥ 1200	72.2	77.5	79.2	79.8	80.0	80.3	80.3	80.5	80.5	80.8	80.8	81.0	81.0	81.1	81.4	81.5
≥ 1000	72.2	77.7	79.5	80.3	80.5	80.8	81.1	81.4	81.4	81.6	81.6	81.7	81.7	82.1	82.1	82.1
≥ 900	72.2	78.0	80.1	81.0	81.4	81.6	82.2	82.5	82.5	82.7	82.7	82.8	82.8	83.1	83.2	83.2
≥ 800	72.4	78.3	80.8	81.7	82.1	82.3	82.9	83.2	83.2	83.6	83.6	83.9	83.9	84.2	84.2	84.2
≥ 700	72.5	79.7	81.2	82.5	83.1	83.3	84.3	84.5	84.5	84.9	84.9	85.1	85.1	85.4	85.5	85.5
≥ 600	72.6	79.4	82.3	83.6	84.2	84.4	85.4	85.6	85.6	86.1	86.1	86.4	86.4	86.7	86.7	86.7
≥ 500	72.6	79.5	82.5	84.5	85.9	86.2	87.7	88.1	88.3	88.9	88.9	89.2	89.2	89.5	89.8	89.8
≥ 400	72.6	79.5	82.6	84.9	86.6	87.1	88.9	89.6	89.9	90.6	90.6	91.0	91.0	91.4	91.7	91.7
≥ 300	72.6	79.5	82.6	84.9	86.6	87.1	89.0	90.0	90.6	91.7	92.2	92.3	92.3	92.6	92.9	92.9
≥ 200	72.6	79.5	82.6	84.9	86.6	87.1	89.0	90.0	90.6	91.7	92.2	92.3	92.3	92.6	92.9	92.9
≥ 100	72.6	79.5	82.6	84.9	86.6	87.1	89.0	90.0	90.6	91.7	92.2	92.3	92.3	92.6	92.9	92.9
≥ 0	72.6	79.5	82.6	84.9	86.6	87.1	89.0	90.0	90.6	91.7	92.2	92.3	92.3	92.6	92.9	92.9

TOTAL NUMBER OF OBSERVATIONS

821

USAF ETAC

FORM 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

8-70-73-79

FE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOUR 1ST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥1/2	≥0
NO CEILING	59.6	64.0	64.9	65.5	65.9	66.1	66.7	66.9	67.4	67.5	67.5	67.5	67.5	67.9	68.0	68.0
≥ 20000	64.6	69.7	70.5	71.2	71.7	71.8	72.4	72.7	73.1	73.3	73.3	73.3	73.3	73.5	73.7	73.7
18000	65.0	70.1	71.0	71.7	72.2	72.3	72.9	73.1	73.6	73.7	73.7	73.7	74.1	74.1	74.2	74.2
16000	65.1	70.5	71.3	72.1	72.5	72.7	73.3	73.5	74.0	74.1	74.1	74.1	74.5	74.5	74.6	74.6
14000	65.6	71.0	71.8	72.5	73.0	73.1	73.7	74.0	74.5	74.6	74.6	74.6	74.9	74.9	75.1	75.1
12000	65.8	71.2	72.1	72.8	73.3	73.5	74.2	74.7	75.2	75.3	75.3	75.3	75.6	75.6	75.7	75.7
10000	67.6	73.0	73.9	74.6	75.1	75.3	76.1	76.6	77.1	77.2	77.2	77.2	77.7	77.7	77.7	77.7
9000	68.5	73.9	74.7	75.4	75.9	76.1	77.0	77.5	77.9	78.1	78.1	78.1	78.5	78.5	78.7	78.7
8000	69.2	74.7	75.5	76.3	76.7	77.0	77.8	78.3	78.8	79.3	79.4	79.4	79.9	79.9	79.9	79.9
7000	69.7	75.2	76.0	76.7	77.2	77.5	78.3	78.8	79.3	79.4	79.4	79.4	79.9	79.9	79.9	79.9
6000	69.7	75.3	76.1	76.9	77.3	77.6	78.5	79.0	79.5	79.6	79.6	79.6	80.1	80.1	80.2	80.2
5000	70.0	75.7	76.5	77.2	77.8	78.1	79.0	79.5	80.0	80.1	80.1	80.1	80.6	80.6	80.7	80.7
4500	70.4	76.0	76.9	77.6	78.2	78.4	79.4	79.9	80.3	80.5	80.5	80.5	81.0	81.0	81.1	81.1
4000	71.1	77.2	78.1	78.8	79.4	79.6	80.6	81.1	81.5	81.8	81.8	81.8	82.3	82.3	82.4	82.4
3500	71.2	77.3	78.2	78.9	79.5	79.7	80.7	81.2	81.7	81.9	81.9	81.9	82.4	82.4	82.5	82.5
3000	71.3	77.5	78.3	79.0	79.6	79.9	80.8	81.3	81.8	82.0	82.0	82.0	82.5	82.5	82.6	82.6
2500	71.6	77.7	78.5	79.3	79.9	80.1	81.1	81.5	82.0	82.3	82.3	82.3	82.7	82.7	82.9	82.9
2000	72.1	78.4	79.4	80.1	80.7	80.9	82.0	82.5	83.0	83.2	83.2	83.2	83.7	83.7	83.8	83.8
1800	72.5	79.0	80.0	80.7	81.3	81.5	82.6	83.1	83.6	83.8	83.8	83.8	84.3	84.3	84.4	84.4
1500	73.5	80.6	81.8	82.7	83.5	83.7	85.0	85.5	86.0	86.2	86.2	86.2	86.7	86.7	86.8	86.8
1200	73.5	81.4	82.8	83.6	84.4	84.8	86.2	86.7	87.2	87.4	87.4	87.4	87.9	87.9	88.0	88.0
1000	73.5	82.0	83.3	84.4	85.6	86.0	87.5	88.0	88.5	88.7	88.7	88.7	89.2	89.2	89.3	89.3
900	73.5	82.5	83.8	85.0	86.2	86.6	88.1	88.6	89.1	89.3	89.3	89.3	89.8	89.8	89.9	89.9
800	73.7	83.0	84.7	85.9	87.3	87.6	89.2	89.7	90.2	90.4	90.4	90.4	90.9	90.9	91.0	91.0
700	73.9	83.5	85.3	86.6	88.4	88.7	90.3	90.8	91.4	91.7	91.7	91.7	92.2	92.2	92.3	92.3
600	74.1	83.8	85.5	86.9	89.0	89.3	90.9	91.4	92.0	92.3	92.3	92.3	92.8	92.8	92.9	92.9
500	74.3	84.4	86.3	88.0	90.4	90.9	92.7	93.5	94.7	95.2	95.3	95.3	95.8	95.8	95.9	95.9
400	74.3	84.4	86.3	88.1	90.9	91.5	93.3	94.2	95.6	96.0	96.2	96.2	96.7	96.7	96.8	96.8
300	74.3	84.4	86.3	88.1	90.9	91.6	93.4	94.4	95.9	96.6	96.9	96.9	97.4	97.4	97.5	97.5
200	74.3	84.4	86.3	88.1	90.9	91.6	93.5	94.6	96.2	96.9	97.4	97.7	98.2	98.2	98.3	98.3
100	74.3	84.4	86.3	88.1	90.9	91.6	93.5	94.6	96.2	96.9	97.4	97.7	98.2	98.2	98.3	98.3
0	74.3	84.4	86.3	88.1	90.9	91.6	93.5	94.6	96.2	96.9	97.4	97.7	98.2	98.2	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS

34

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

8-71, 73-79

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

15,000-17,000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	57.8	61.9	62.7	63.7	64.0	64.0	64.4	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
≥ 20000	64.8	69.3	70.5	71.5	71.7	71.7	72.2	72.7	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0
≥ 18000	55.4	70.0	71.2	72.2	72.5	72.5	73.0	73.5	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8
≥ 16000	65.6	70.1	71.4	72.3	72.6	72.6	73.1	73.6	73.6	73.8	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	66.2	71.0	72.2	73.2	73.5	73.5	74.0	74.4	74.4	74.7	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	66.9	71.9	73.1	74.2	74.7	74.7	75.3	75.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3
≥ 10000	68.4	73.3	74.8	75.9	76.4	76.4	77.0	77.5	77.7	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 9000	69.8	74.7	76.2	77.2	77.8	77.8	78.4	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000	70.9	75.9	77.4	78.5	79.0	79.0	79.6	80.1	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6
≥ 7000	71.4	76.4	77.9	79.0	79.5	79.5	80.1	80.6	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	71.4	76.4	77.9	79.0	79.5	79.5	80.1	80.6	80.7	81.0	81.1	81.1	81.1	81.1	81.1	81.1
≥ 5000	72.2	77.5	79.1	80.2	80.7	80.7	81.5	82.0	82.1	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 4500	72.3	77.9	79.5	80.6	81.1	81.2	81.9	82.3	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 4000	72.8	78.4	80.1	81.2	81.9	82.0	82.6	83.3	83.5	83.8	84.0	84.1	84.1	84.1	84.1	84.1
≥ 3500	73.1	78.6	80.4	81.5	82.1	82.2	82.8	83.6	83.7	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	73.3	78.9	80.6	81.7	82.3	82.5	83.1	83.8	84.0	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2500	73.7	79.6	81.4	82.5	83.1	83.2	83.8	84.6	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2000	74.4	80.9	82.6	83.7	84.3	84.4	85.1	85.8	85.9	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1800	75.1	81.5	83.2	84.4	85.1	85.2	85.8	86.5	86.7	87.0	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1500	75.6	82.8	84.6	86.0	86.8	86.9	87.7	88.4	88.5	88.9	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200	75.8	83.3	85.4	86.7	87.5	87.7	88.4	89.1	89.3	89.6	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1000	75.9	83.7	85.9	87.2	88.6	88.8	89.5	90.2	90.4	90.7	90.9	90.9	90.9	90.9	90.9	90.9
≥ 900	75.9	84.3	86.5	87.8	89.3	89.4	90.2	91.0	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	75.9	84.4	87.2	88.4	90.1	90.2	91.1	91.9	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 700	76.2	85.2	87.9	89.3	91.0	91.2	92.1	92.8	93.0	93.5	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	76.4	85.9	88.8	90.2	92.2	92.5	93.3	94.3	94.4	95.1	95.2	95.2	95.2	95.2	95.2	95.2
≥ 500	76.4	86.0	88.9	90.5	92.8	93.1	94.2	95.2	95.3	96.0	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	76.4	86.0	88.9	90.6	93.0	93.2	94.3	95.3	95.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	76.4	86.0	88.9	90.6	93.0	93.2	94.4	95.6	95.9	96.9	97.3	97.4	97.4	97.4	97.4	97.4
≥ 200	76.4	86.0	88.9	90.6	93.0	93.2	94.4	95.9	96.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7
≥ 100	76.4	86.0	88.9	90.6	93.0	93.2	94.4	95.9	96.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7
≥ 0	76.4	86.0	88.9	90.6	93.0	93.2	94.4	95.9	96.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS

316

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

65-70, 73-79

FE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	63.6	66.1	66.6	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 20000	70.1	73.2	73.7	75.0	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 18000	70.5	73.6	74.3	75.5	75.8	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 16000	70.8	73.9	74.5	75.8	76.1	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 14000	71.8	75.0	75.7	76.9	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 12000	73.6	76.9	77.6	78.9	79.4	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	76.1	79.5	80.4	81.6	82.2	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000	77.1	80.7	81.5	82.8	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 8000	78.4	82.3	83.2	84.4	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 7000	78.7	82.6	83.4	84.7	85.3	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	79.0	82.9	83.7	85.0	85.5	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	79.1	83.2	84.1	85.4	86.0	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4500	79.3	83.3	84.3	85.5	86.1	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	79.3	83.3	84.4	85.7	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	79.4	83.4	84.6	85.8	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3000	79.4	83.4	84.6	85.8	86.4	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2500	79.7	84.3	85.4	86.6	87.2	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 2000	80.1	85.0	86.2	87.5	88.0	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1800	80.5	85.4	86.6	87.9	88.5	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1600	80.5	85.7	87.1	88.3	89.0	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1400	80.7	86.1	87.5	88.7	89.4	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1200	80.9	86.8	88.3	89.8	90.5	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 1000	81.1	87.3	88.9	90.4	91.2	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 900	81.4	87.8	89.4	91.2	92.1	92.4	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 800	81.5	88.2	90.0	91.8	92.6	93.0	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 700	81.5	88.2	90.0	91.9	92.8	93.2	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 600	81.6	88.6	90.4	92.4	93.3	93.7	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 500	81.6	89.0	90.8	92.9	94.2	94.6	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 400	81.6	89.0	90.8	93.0	94.3	94.7	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	81.6	89.0	90.8	93.0	94.3	94.7	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 200	81.6	89.0	90.8	93.0	94.3	94.7	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 100	81.6	89.0	90.8	93.0	94.3	94.7	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 0	81.6	89.0	90.8	93.0	94.3	94.7	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS

710

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

8-71, 73-79

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2103-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING	71.1	72.2	72.4	73.3	73.6	73.6	73.8	73.8	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 20000	74.2	75.2	75.4	76.3	76.6	76.6	76.8	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 18000	74.3	75.4	75.6	76.5	76.8	76.8	77.0	77.0	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000	74.9	75.9	76.1	77.0	77.4	77.4	77.5	77.5	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 14000	75.0	76.1	76.3	77.2	77.5	77.5	77.7	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 12000	76.1	77.2	77.4	78.3	78.6	78.6	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	77.5	78.6	78.8	79.7	80.0	80.0	80.2	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 9000	78.3	79.3	79.5	80.4	80.7	80.7	80.9	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000	79.1	80.2	80.4	81.3	81.6	81.6	81.8	81.8	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 7000	80.2	81.3	81.5	82.4	82.7	82.7	82.9	82.9	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 6000	80.2	81.5	81.6	82.5	82.9	82.9	83.1	83.1	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 5000	80.4	81.6	81.8	82.7	83.1	83.1	83.2	83.2	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 4500	80.6	82.0	82.2	83.1	83.4	83.4	83.6	83.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	80.6	82.0	82.2	83.1	83.4	83.4	83.6	83.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3500	80.9	82.4	82.5	83.4	83.8	83.8	84.0	84.0	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	81.1	82.5	82.7	83.6	84.0	84.0	84.1	84.1	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2500	81.2	82.7	82.9	83.8	84.1	84.1	84.3	84.3	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 2000	81.5	82.9	83.1	84.0	84.5	84.5	84.7	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	81.5	82.9	83.1	84.0	84.5	84.5	84.7	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500	82.5	84.0	84.1	85.0	85.6	85.6	85.7	85.9	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1200	83.4	85.0	85.2	86.1	86.6	86.6	86.8	87.0	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1000	83.8	85.4	85.7	86.6	87.2	87.2	87.3	87.5	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 900	84.0	85.9	86.1	87.0	87.5	87.5	87.7	87.9	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 800	85.0	87.3	87.5	88.4	88.9	88.9	89.1	89.3	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 700	85.6	88.2	88.4	89.7	90.2	90.2	90.4	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 600	85.6	88.4	88.6	90.0	90.6	90.6	90.7	90.9	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 500	85.7	88.9	88.9	90.7	91.3	91.3	91.4	91.6	91.6	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 400	85.7	89.1	89.3	91.1	92.2	92.2	92.3	92.7	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 300	85.7	89.1	89.3	91.1	92.3	92.3	92.5	93.0	93.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 200	85.7	89.1	89.3	91.1	92.3	92.3	92.7	93.2	93.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 100	85.7	89.1	89.3	91.1	92.3	92.3	92.7	93.2	93.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 0	85.7	89.1	89.3	91.1	92.3	92.3	92.7	93.2	93.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8

TOTAL NUMBER OF OBSERVATIONS

501

USAF ETAC

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

8-70, 73-79

FE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	61.5	54.2	54.7	65.4	65.0	65.7	65.9	66.1	66.2	66.3	66.5	66.7	66.8	66.9	66.9	66.9
≥ 20000	66.8	69.7	70.4	71.1	71.3	71.4	71.6	71.8	71.8	72.0	72.1	72.1	72.3	72.4	72.5	72.5
≥ 18000	67.1	70.1	70.8	71.5	71.7	71.8	72.0	72.2	72.3	72.4	72.5	72.5	72.8	72.9	72.9	72.9
≥ 16000	67.2	70.3	71.0	71.7	71.9	72.0	72.3	72.4	72.5	72.7	72.7	72.7	73.0	73.1	73.2	73.2
≥ 14000	67.7	70.8	71.6	72.2	72.5	72.5	72.8	72.9	73.0	73.2	73.2	73.2	73.5	73.5	73.7	73.7
≥ 12000	68.8	72.0	72.7	73.4	73.7	73.8	74.1	74.3	74.4	74.5	74.5	74.6	74.9	74.9	75.1	75.1
≥ 10000	70.3	73.6	74.4	75.0	75.4	75.5	75.7	75.9	76.0	76.2	76.3	76.3	76.6	76.7	76.7	76.7
≥ 9000	71.0	74.3	75.1	75.7	76.1	76.1	76.4	76.6	76.7	76.9	76.9	76.9	77.2	77.3	77.4	77.4
≥ 8000	71.6	74.9	75.8	76.4	76.8	76.9	77.1	77.3	77.4	77.6	77.7	77.7	78.0	78.0	78.1	78.2
≥ 7000	72.1	75.5	76.4	77.0	77.4	77.5	77.7	77.9	78.0	78.2	78.3	78.3	78.6	78.7	78.7	78.7
≥ 6000	72.4	75.9	76.7	77.3	77.7	77.8	78.1	78.3	78.4	78.6	78.6	78.6	78.9	79.0	79.1	79.1
≥ 5000	72.8	76.3	77.2	77.9	78.2	78.4	78.7	78.9	79.0	79.1	79.2	79.2	79.5	79.5	79.6	79.7
≥ 4500	73.0	76.5	77.5	78.2	78.6	78.7	79.0	79.2	79.3	79.4	79.5	79.5	79.8	79.8	80.0	80.0
≥ 4000	73.4	77.1	78.0	78.7	79.1	79.2	79.5	79.7	79.8	80.1	80.1	80.1	80.4	80.4	80.6	80.6
≥ 3500	73.7	77.4	78.3	79.0	79.4	79.5	79.8	80.1	80.2	80.4	80.5	80.5	80.8	80.8	80.9	81.0
≥ 3000	73.8	77.6	78.5	79.2	79.6	79.7	80.0	80.3	80.4	80.6	80.7	80.7	81.0	81.0	81.1	81.2
≥ 2500	74.0	78.0	79.0	79.7	80.0	80.2	80.5	80.8	80.9	81.1	81.2	81.2	81.5	81.5	81.6	81.7
≥ 2000	74.6	78.7	79.7	80.4	80.8	80.9	81.4	81.6	81.7	82.0	82.0	82.1	82.4	82.4	82.5	82.5
≥ 1800	74.8	79.0	80.0	80.8	81.2	81.3	81.7	81.9	82.0	82.3	82.4	82.4	82.7	82.7	82.8	82.8
≥ 1500	75.4	79.9	81.0	81.9	82.3	82.4	82.9	83.2	83.3	83.6	83.6	83.6	84.0	84.0	84.1	84.1
≥ 1200	76.0	81.0	82.1	82.9	83.4	83.6	84.1	84.4	84.5	84.8	84.8	84.8	85.2	85.2	85.3	85.3
≥ 1000	76.3	81.6	82.9	83.8	84.5	84.7	85.3	85.5	85.6	85.9	86.0	86.0	86.3	86.3	86.4	86.4
≥ 900	76.4	82.0	83.4	84.4	85.1	85.3	85.9	86.2	86.3	86.6	86.6	86.6	87.0	87.0	87.1	87.1
≥ 800	76.7	82.5	84.0	85.1	85.9	86.0	86.7	87.0	87.1	87.4	87.5	87.5	87.8	87.8	88.0	88.0
≥ 700	77.0	83.2	84.8	86.0	86.9	87.1	87.8	88.1	88.2	88.6	88.7	88.7	89.1	89.1	89.3	89.3
≥ 600	77.1	83.6	85.4	86.7	87.8	88.0	88.8	89.1	89.2	89.7	89.7	89.7	90.1	90.1	90.4	90.4
≥ 500	77.3	84.2	86.0	87.7	89.1	89.3	90.4	90.8	91.1	91.6	91.6	91.6	92.0	92.0	92.4	92.4
≥ 400	77.3	84.3	86.3	88.1	89.7	90.1	91.3	91.9	92.2	92.8	93.0	93.0	93.5	93.5	93.7	93.7
≥ 300	77.3	84.3	86.3	88.1	89.9	90.2	91.6	92.4	92.9	93.7	94.1	94.2	94.9	95.0	95.2	95.2
≥ 200	77.3	84.3	86.3	88.2	90.0	90.3	91.8	92.6	93.2	94.1	94.7	94.8	95.5	95.5	95.7	95.7
≥ 100	77.3	84.3	86.3	88.2	90.0	90.3	91.8	92.6	93.2	94.2	94.9	95.1	96.4	96.4	97.9	97.9
≥ 0	77.3	84.3	86.3	88.2	90.0	90.3	91.8	92.6	93.2	94.2	95.0	95.2	96.0	97.0	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS

5492

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7,69-70,73,75-78

YEARS

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	75.8	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 70000	81.6	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 18000	81.6	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 16000	81.6	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 14000	81.6	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 12000	82.9	84.5	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000	85.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 9000	85.5	87.6	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 8000	86.8	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000	86.8	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 6000	87.1	89.5	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 5000	88.4	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	88.4	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	88.7	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 3500	89.2	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 3000	89.7	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	89.7	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	90.5	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 1800	91.8	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	92.4	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200	92.9	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000	93.2	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900	93.4	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	93.7	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 700	93.7	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	93.7	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	93.7	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 400	93.9	97.4	97.9	97.9	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	94.2	97.6	98.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	94.2	97.6	98.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	94.2	97.6	98.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
U	94.2	97.6	98.2	98.2	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

230

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

47-70, 73-78

MAC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0600

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	72.7	75.6	75.0	75.8	75.8	75.9	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 20000	73.4	81.2	81.4	81.4	81.4	81.4	81.4	82.0	82.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 18000	78.6	81.4	81.6	81.6	81.6	81.6	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 16000	78.6	81.4	81.6	81.6	81.6	81.6	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 14000	78.8	81.6	81.8	81.8	81.8	81.8	81.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 12000	79.3	82.1	82.3	82.3	82.3	82.3	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 10000	80.6	83.5	83.6	83.6	83.6	83.6	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000	81.2	84.0	84.2	84.2	84.2	84.2	84.2	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	82.0	85.0	85.2	85.2	85.2	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	82.5	85.5	85.7	85.7	85.7	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 6000	82.5	85.5	85.7	85.7	85.7	85.7	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 5000	83.1	86.1	86.3	86.3	86.3	86.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4500	84.2	87.2	87.4	87.4	87.4	87.4	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	84.4	87.6	87.8	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3500	84.4	87.6	87.8	87.8	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 3000	84.8	88.0	88.2	88.2	88.2	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500	85.3	88.5	88.7	88.7	88.7	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 2000	86.3	89.7	89.8	89.8	89.8	89.8	89.8	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	87.8	91.4	91.5	91.5	91.5	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	88.5	92.3	92.5	92.5	92.5	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1200	89.5	93.4	93.6	93.6	93.6	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1000	90.0	94.2	94.4	94.4	94.4	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	90.0	94.2	94.5	94.5	94.5	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 800	90.6	94.7	95.3	95.3	95.3	95.3	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 700	90.8	95.5	96.1	96.1	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	90.8	95.5	96.1	96.1	96.1	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	90.8	95.5	96.4	96.4	96.4	96.4	96.4	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	90.8	96.2	96.8	96.8	96.8	96.8	97.0	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	90.8	96.5	97.2	97.2	97.2	97.2	97.4	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	90.8	96.6	97.2	97.4	97.4	97.4	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	90.8	96.6	97.2	97.4	97.4	97.4	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	90.8	96.6	97.2	97.4	97.4	97.4	97.6	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

532

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-71, 73-78

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

06-09-05

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .25	≥ .2	≥ .15	≥ .1	≥ 0
NO CEILING	64.3	58.9	69.2	69.7	69.6	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
≥ 20000	58.2	73.1	73.4	73.5	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 18000	68.2	73.1	73.4	73.5	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000	68.2	73.4	73.6	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 14000	68.7	73.6	73.8	74.2	74.4	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	70.4	75.4	75.6	76.1	76.2	76.3	76.3	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 10000	71.7	76.9	77.2	77.7	77.7	77.8	77.8	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4
≥ 9000	71.8	77.1	77.3	77.8	77.9	78.1	78.1	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 8000	72.5	78.0	78.3	78.7	78.9	79.1	79.1	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	73.0	78.6	78.9	79.5	79.6	79.8	79.8	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 6000	73.5	79.2	79.6	80.2	80.3	80.6	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	73.8	79.7	80.0	80.5	80.5	81.1	81.1	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	74.2	80.0	80.4	81.0	81.4	81.7	81.7	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4000	74.3	80.2	80.5	81.1	81.5	81.8	81.8	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	74.9	80.8	81.1	81.7	82.1	82.4	82.4	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3000	75.1	81.0	81.5	82.1	82.6	82.9	82.9	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 2500	75.5	81.6	82.1	82.7	83.2	83.5	83.5	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2000	76.2	82.7	83.2	83.8	84.2	84.6	84.6	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 1800	77.3	83.9	84.2	84.9	85.4	85.8	85.8	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1500	79.0	85.5	86.0	86.6	87.1	87.5	87.5	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 1200	80.9	87.8	88.5	89.1	90.1	90.4	90.4	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1000	81.6	89.0	89.7	90.3	91.5	91.9	92.0	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 900	81.8	89.2	90.2	90.9	92.1	92.5	92.6	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	82.0	89.7	90.7	91.4	92.6	93.0	93.2	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 700	82.0	90.1	91.0	91.8	93.0	93.3	93.5	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 600	82.0	90.4	91.5	92.4	93.7	94.0	94.3	94.9	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	82.0	90.9	92.1	93.0	94.5	94.6	95.1	95.7	95.8	96.2	96.3	96.4	96.7	96.7	96.7	96.7
≥ 400	82.0	91.0	92.2	93.1	94.4	95.0	95.5	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	82.0	91.0	92.2	93.1	94.5	95.1	95.7	96.5	96.7	96.8	97.1	97.1	97.1	97.1	97.1	97.1
≥ 200	82.0	91.0	92.2	93.1	94.5	95.1	95.7	96.7	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 100	82.0	91.0	92.2	93.1	94.5	95.1	95.7	96.7	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 0	82.0	91.0	92.2	93.1	94.5	95.1	95.7	96.7	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3

TOTAL NUMBER OF OBSERVATIONS

37

USAF ETAC

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-73, 73-76

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	54.3	61.7	62.1	62.8	63.7	64.3	64.6	65.6	65.6	66.1	66.4	67.2	68.4	67.4	68.4	68.4	68.4
≥ 20000	60.1	67.5	68.0	68.7	69.5	70.2	71.6	71.6	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4
≥ 18000	60.2	67.7	68.3	68.9	69.6	70.4	71.8	71.8	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5
≥ 16000	60.6	68.0	68.6	69.3	70.2	71.7	71.2	72.2	72.2	72.7	72.7	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000	61.1	68.9	69.4	70.0	70.9	71.5	71.9	72.9	72.9	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 12000	62.6	70.3	70.9	71.7	72.5	73.2	73.6	74.6	74.6	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3
≥ 10000	64.6	72.8	73.5	74.3	75.2	75.7	76.2	77.2	77.3	77.8	77.8	78.3	78.3	78.3	78.3	78.3	78.3
≥ 9000	65.1	73.4	74.1	74.8	75.7	76.3	76.7	77.7	77.7	78.8	78.8	79.4	79.4	79.4	79.4	79.4	79.4
≥ 8000	65.5	74.3	74.9	75.8	76.7	77.3	77.7	78.7	78.7	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
≥ 7000	66.4	75.3	75.9	77.1	78.0	78.5	79.0	80.0	80.1	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000	66.6	75.8	76.6	77.7	78.6	79.2	79.6	80.6	80.7	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4
≥ 5000	67.0	76.4	77.1	78.2	79.1	79.6	80.2	81.2	81.3	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1
≥ 4500	67.1	76.7	77.4	78.5	79.5	80.1	80.6	81.6	81.6	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4000	67.4	77.2	77.9	79.1	80.0	80.5	81.1	82.1	82.2	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8
≥ 3500	67.5	77.3	78.0	79.2	80.1	80.6	81.2	82.3	82.4	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 3000	67.7	77.6	78.3	79.5	80.4	81.0	81.5	82.7	82.9	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2500	68.0	78.0	78.6	80.1	81.0	81.5	82.1	83.5	83.6	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
≥ 2000	69.2	79.4	80.2	81.6	82.5	83.2	83.7	85.2	85.3	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2
≥ 1800	69.5	80.0	80.8	82.3	83.2	83.9	84.4	85.9	86.0	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9
≥ 1500	71.6	81.8	83.0	84.4	85.4	86.1	86.7	88.2	88.3	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1200	71.6	82.9	85.3	86.7	87.8	88.5	89.2	90.6	90.8	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1000	71.9	83.6	86.1	87.5	88.5	89.3	90.1	91.6	91.8	92.5	92.5	93.1	93.1	93.1	93.1	93.1	93.1
≥ 900	72.4	84.3	86.7	88.2	89.2	90.0	90.8	92.3	92.5	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9
≥ 800	72.6	85.0	87.4	89.0	90.0	90.8	91.5	93.1	93.3	94.1	94.1	94.7	94.7	94.7	94.7	94.7	94.7
≥ 700	72.7	85.3	87.9	89.5	90.5	91.3	92.1	93.7	93.9	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2
≥ 600	72.7	86.5	88.2	90.0	91.3	92.1	92.9	94.5	94.6	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	72.8	86.7	88.4	90.2	91.6	92.4	93.3	95.1	95.4	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	72.8	86.9	88.5	90.3	91.8	92.5	93.5	95.3	95.7	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2
≥ 300	72.9	87.1	88.8	90.5	92.0	92.8	93.8	95.8	96.1	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6
≥ 200	72.9	87.1	88.8	90.5	92.0	92.8	93.8	95.9	96.2	97.2	97.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 150	72.9	87.1	88.8	90.5	92.0	92.8	93.8	95.9	96.2	97.2	97.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 100	72.9	87.1	88.8	90.5	92.0	92.8	93.8	95.9	96.2	97.2	97.2	98.2	98.2	98.2	98.2	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS

49

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

7-71, 73-74

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥1	≥1	≥1	≥1	≥1	≥1	≥1
NO CEILING	50.4	59.1	50.2	62.7	63.1	53.9	54.8	65.6	65.7	65.8	65.9	66.0	66.1	66.2	66.3	66.4
≥ 20000	55.8	65.0	66.1	68.1	69.0	70.2	70.3	72.5	72.6	72.9	73.2	73.3	73.4	73.5	73.6	73.7
18000	56.1	65.3	66.3	68.2	69.0	70.6	71.5	72.7	72.8	73.2	73.4	73.5	73.6	73.7	73.8	73.9
16000	56.3	65.5	66.5	68.4	70.0	70.8	71.3	72.9	73.1	73.4	73.7	73.8	73.9	74.0	74.1	74.2
14000	56.5	65.8	67.0	68.8	70.5	71.2	72.2	73.4	73.5	73.8	74.1	74.2	74.3	74.4	74.5	74.6
12000	57.1	66.9	68.1	69.9	71.8	72.5	73.6	74.8	74.9	75.2	75.3	75.4	75.5	75.6	75.7	75.8
10000	58.5	68.5	69.7	71.4	73.0	74.6	75.5	76.7	76.8	77.2	77.3	77.4	77.5	77.6	77.7	77.8
9000	59.2	69.5	70.8	72.8	74.5	76.6	77.3	77.9	78.2	78.5	78.6	78.7	78.8	78.9	79.0	79.1
8000	59.6	70.5	71.8	73.8	75.5	76.6	77.8	78.8	78.9	79.2	79.5	79.6	79.7	79.8	79.9	80.0
7000	60.0	70.9	72.2	74.2	76.2	77.1	78.0	79.2	79.3	79.7	80.0	80.1	80.2	80.3	80.4	80.5
6000	60.2	71.2	72.5	74.4	76.6	77.4	78.4	79.5	79.7	80.0	80.3	80.4	80.5	80.6	80.7	80.8
5000	60.4	71.8	73.1	75.1	77.2	77.9	78.9	80.1	80.2	80.5	80.8	80.9	81.0	81.1	81.2	81.3
4500	60.6	72.1	73.5	75.5	77.6	78.4	79.3	80.5	80.6	81.0	81.3	81.4	81.5	81.6	81.7	81.8
4000	61.4	72.9	74.5	76.6	78.7	79.4	80.4	81.7	81.8	82.1	82.4	82.5	82.6	82.7	82.8	82.9
3500	61.8	73.5	75.1	77.4	79.4	80.3	81.5	82.8	82.9	83.2	83.5	83.6	83.7	83.8	83.9	84.0
3000	62.6	74.5	76.2	78.5	80.5	81.4	82.6	83.9	84.0	84.3	84.6	84.7	84.8	84.9	85.0	85.1
2500	63.6	75.4	78.2	80.5	82.6	83.4	84.7	86.0	86.1	86.5	86.8	87.1	87.2	87.3	87.4	87.5
2000	65.0	78.4	80.2	82.5	84.5	85.4	86.7	88.0	88.1	88.4	88.7	89.0	89.1	89.2	89.3	89.4
1800	65.5	78.8	80.7	83.0	85.1	85.9	87.2	88.5	88.6	89.0	89.3	89.6	89.7	89.8	89.9	90.0
1500	67.1	81.0	83.0	85.4	87.6	88.4	89.7	91.0	91.1	91.4	91.7	92.0	92.1	92.2	92.3	92.4
1200	67.5	82.0	84.2	86.7	88.9	89.8	91.2	92.5	92.6	93.1	93.4	93.7	93.8	93.9	94.0	94.1
1000	67.7	82.6	84.8	87.3	89.5	90.5	92.0	93.4	93.5	93.9	94.3	94.6	94.7	94.8	94.9	95.0
900	67.9	83.2	85.5	88.0	90.2	91.1	92.6	94.2	94.3	94.7	95.1	95.4	95.5	95.6	95.7	95.8
800	67.9	83.4	85.8	88.3	90.5	91.5	93.0	94.5	94.6	95.1	95.4	95.7	95.8	95.9	96.0	96.1
700	68.0	83.5	85.9	88.5	90.7	91.7	93.2	94.7	94.8	95.3	95.6	95.9	96.0	96.1	96.2	96.3
600	68.0	84.0	86.4	89.0	91.2	92.3	93.8	95.3	95.4	95.9	96.2	96.5	96.6	96.7	96.8	96.9
500	68.0	84.0	86.4	89.1	91.5	92.5	94.0	95.7	95.8	96.3	96.6	96.9	97.0	97.1	97.2	97.3
400	68.0	84.0	86.4	89.1	91.6	92.6	94.2	95.8	95.9	96.4	96.7	97.0	97.1	97.2	97.3	97.4
300	68.0	84.0	86.4	89.1	91.6	92.6	94.2	95.8	95.9	96.4	96.7	97.0	97.1	97.2	97.3	97.4
200	68.0	84.0	86.4	89.1	91.6	92.6	94.2	95.8	95.9	96.4	96.7	97.0	97.1	97.2	97.3	97.4
100	68.0	84.0	86.4	89.1	91.6	92.6	94.2	95.8	95.9	96.4	96.7	97.0	97.1	97.2	97.3	97.4
0	68.0	84.0	86.4	89.1	91.6	92.6	94.2	95.8	95.9	96.4	96.7	97.0	97.1	97.2	97.3	97.4

TOTAL NUMBER OF OBSERVATIONS

924

GLOBAL CLIMATE DATA BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

7-70, 73-78

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	51.6	50.2	61.1	62.0	63.2	63.7	64.2	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
≥ 20000	55.0	55.3	67.3	68.4	69.9	70.5	71.1	72.2	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000	56.3	55.4	67.6	68.7	70.3	70.8	71.4	72.5	72.8	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 16000	56.6	56.0	68.0	69.2	70.7	71.3	71.8	73.0	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 14000	57.3	57.2	59.2	70.3	71.0	72.4	73.0	74.1	74.4	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 12000	58.9	60.9	71.1	72.3	74.0	74.6	75.2	76.3	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 10000	60.9	71.4	74.0	75.2	77.0	77.7	78.2	79.6	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 9000	61.0	72.0	74.1	75.3	77.1	77.8	78.3	79.7	80.0	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 8000	61.3	72.7	74.9	76.1	78.0	78.7	79.2	80.6	80.9	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000	61.6	73.0	75.1	76.3	78.2	78.9	79.4	80.8	81.1	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 6000	62.0	73.4	75.5	76.7	78.7	79.3	79.9	81.2	81.6	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000	62.1	73.9	76.0	77.2	79.1	79.8	80.3	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	62.3	74.2	76.3	77.5	79.4	80.1	80.7	82.0	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 4000	63.9	76.4	78.7	79.9	81.0	82.5	83.0	84.4	84.7	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500	64.0	76.5	78.8	80.0	81.9	82.6	83.1	84.5	84.8	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	65.5	78.2	80.4	81.7	83.6	84.2	84.8	86.1	86.5	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	66.4	79.2	81.0	83.0	85.1	85.8	86.5	87.8	88.2	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2000	68.2	81.6	84.2	85.8	88.0	88.7	89.2	90.8	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	68.6	82.0	84.7	86.3	88.5	89.2	89.7	91.3	91.6	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1500	70.1	84.1	86.9	88.5	90.7	91.5	92.3	93.6	94.0	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	70.2	84.5	87.3	88.8	91.2	92.0	92.7	94.1	94.4	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1000	70.3	84.6	87.4	89.1	91.4	92.2	93.0	94.3	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	70.3	84.6	87.4	89.1	91.4	92.2	93.0	94.4	94.7	95.1	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 800	70.3	84.7	87.5	89.2	91.6	92.4	93.3	94.9	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	70.3	84.8	87.6	89.4	92.0	92.7	93.7	95.5	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	70.3	85.0	87.8	89.7	92.3	93.1	94.1	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 500	70.3	85.3	88.4	90.3	93.2	94.0	95.0	96.9	97.2	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	70.3	85.3	88.4	90.3	93.2	94.0	95.1	97.3	97.7	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	70.3	85.3	88.4	90.3	93.3	94.1	95.2	97.4	97.8	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	70.3	85.3	88.4	90.3	93.3	94.1	95.2	97.4	97.8	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	70.3	85.3	88.4	90.3	93.3	94.1	95.2	97.4	97.8	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	70.3	85.3	88.4	90.3	93.3	94.1	95.2	97.4	97.8	98.1	98.5	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE DATA
USAF-ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-7, 72-72

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-0000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥0	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥.5	≥.25	≥.1	≥.05	≥.025	≥.01	≥.005
NO CEILING	63.3	60.7	71.0	71.3	71.4	72.4	72.3	73.3	73.2	72.4	72.7	72.7	72.6	72.8	74.2	74.2
≥ 20000	66.7	74.2	75.0	76.0	76.1	76.0	77.2	78.2	78.2	73.4	72.5	72.5	72.5	72.5	72.2	72.2
≥ 18000	67.1	74.7	76.1	76.5	76.7	77.5	77.9	78.8	78.8	78.9	79.2	79.2	79.2	79.2	79.7	79.7
≥ 16000	67.2	75.0	76.4	76.8	76.9	77.7	78.1	79.0	79.0	79.2	79.5	79.5	79.5	79.5	79.7	79.7
≥ 14000	66.4	76.4	77.9	78.2	78.4	79.2	79.6	80.5	80.5	80.6	80.8	80.8	80.8	81.0	81.4	81.4
≥ 12000	70.1	78.4	80.1	80.5	80.6	81.4	81.8	82.7	82.7	82.8	83.1	83.1	83.1	83.2	83.5	83.5
≥ 10000	72.0	80.6	82.0	82.4	82.6	83.4	83.7	84.7	84.7	84.8	85.1	85.1	85.1	85.2	85.6	85.6
≥ 9000	72.5	81.1	82.6	83.0	83.1	83.9	84.3	85.2	85.2	85.3	85.5	85.5	85.5	85.7	86.1	86.1
≥ 8000	72.9	81.8	83.2	83.6	83.7	84.5	84.9	85.8	85.8	86.0	86.2	86.2	86.2	86.4	86.8	86.8
≥ 7000	73.8	82.7	84.1	84.5	84.7	85.5	85.8	86.8	86.8	86.9	87.2	87.2	87.2	87.4	87.8	87.8
≥ 6000	74.0	83.0	84.4	84.8	84.9	85.7	86.1	87.0	87.0	87.2	87.4	87.4	87.4	87.5	87.9	87.9
≥ 5000	74.2	83.4	84.8	85.2	85.3	86.1	86.5	87.5	87.5	87.7	87.9	87.9	87.9	88.1	88.5	88.5
≥ 4500	74.8	83.9	85.3	85.7	85.8	86.6	87.0	88.1	88.1	88.2	88.5	88.5	88.5	88.6	89.0	89.0
≥ 4000	75.4	84.5	86.0	86.4	86.5	87.5	87.9	89.1	89.1	89.3	89.5	89.5	89.5	89.6	90.0	90.0
≥ 3500	75.6	84.8	86.2	86.6	86.7	87.7	88.1	89.6	89.6	89.8	90.0	90.0	90.0	90.2	90.6	90.6
≥ 3000	76.5	85.8	87.4	87.8	88.2	89.0	89.5	90.8	90.8	91.0	91.2	91.2	91.2	91.3	91.7	91.7
≥ 2500	76.8	86.2	87.6	88.0	88.7	89.5	90.0	91.3	91.3	91.5	91.7	91.7	91.7	91.9	92.3	92.3
≥ 2000	77.5	87.5	89.1	89.5	90.3	91.2	91.7	93.1	93.1	93.2	93.4	93.4	93.4	93.5	94.0	94.0
≥ 1800	78.0	88.1	89.6	90.0	90.6	91.7	92.3	93.6	93.6	93.7	94.0	94.0	94.0	94.1	94.5	94.5
≥ 1500	78.2	88.7	90.3	90.7	91.6	92.5	93.1	94.4	94.4	94.5	94.7	94.7	94.7	94.9	95.3	95.3
≥ 1200	78.5	89.1	90.7	91.5	92.0	92.9	93.4	94.9	94.9	95.0	95.3	95.3	95.3	95.4	95.9	95.9
≥ 1000	78.5	89.2	90.8	91.7	92.3	92.3	93.8	95.4	95.4	95.5	95.7	95.7	95.7	95.9	96.3	96.3
≥ 900	78.6	89.4	91.0	91.9	92.4	92.6	94.1	95.7	95.7	95.8	96.1	96.1	96.1	96.2	96.6	96.6
≥ 800	78.6	89.6	91.2	92.2	92.9	94.1	95.6	96.2	96.2	96.3	96.6	96.6	96.6	96.7	97.1	97.1
≥ 700	78.6	89.9	91.6	92.7	93.4	94.6	95.4	97.0	97.0	97.1	97.4	97.4	97.4	97.5	97.9	97.9
≥ 600	78.6	89.9	91.7	92.8	93.6	94.8	95.5	97.1	97.1	97.2	97.5	97.5	97.5	97.6	98.0	98.0
≥ 500	78.6	89.9	91.7	92.8	93.6	95.0	96.1	97.6	97.6	97.9	98.2	98.2	98.2	98.3	98.7	98.7
≥ 400	78.6	89.9	91.7	92.8	93.6	95.0	96.1	97.8	97.8	98.2	98.5	98.5	98.5	98.6	99.0	99.0
≥ 300	78.6	89.9	91.7	92.8	93.6	95.2	96.2	98.3	98.3	98.7	99.0	99.0	99.0	99.1	99.5	99.5
≥ 200	78.6	89.9	91.7	92.8	93.6	95.2	96.2	98.3	98.3	98.8	99.1	99.1	99.1	99.2	99.6	99.6
≥ 100	78.6	89.9	91.7	92.8	93.6	95.2	96.2	98.3	98.3	98.8	99.1	99.1	99.1	99.2	99.6	99.6
≥ 0	78.6	89.9	91.7	92.8	93.6	95.2	96.2	98.3	98.3	98.8	99.1	99.1	99.1	99.2	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

76

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7-70, 73-78

YEARS

MOON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2200
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING	78.8	80.8	81.1	81.3	81.7	81.7	81.8	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 20000	84.0	85.0	86.3	86.5	86.9	86.9	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 18000	84.5	86.5	86.8	87.1	87.4	87.4	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 16000	84.5	86.5	86.9	87.1	87.4	87.4	87.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 14000	85.3	87.2	87.6	87.8	88.1	88.1	88.3	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 12000	86.5	88.5	88.8	89.0	89.4	89.4	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 10000	88.3	90.3	90.6	90.8	91.2	91.2	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000	88.5	90.5	90.8	91.0	91.4	91.4	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 8000	89.2	91.2	91.5	91.7	92.1	92.1	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 7000	89.2	91.2	91.5	91.7	92.1	92.1	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 6000	89.2	91.2	91.5	91.7	92.1	92.1	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 5000	89.9	92.4	92.8	93.0	93.3	93.3	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4500	89.9	92.4	92.8	93.0	93.3	93.3	93.5	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 4000	90.3	93.0	93.3	93.7	94.1	94.1	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 3500	90.8	93.5	93.9	94.2	94.6	94.6	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 3000	90.8	93.5	93.9	94.2	94.6	94.6	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 2500	91.5	94.2	94.6	95.0	95.3	95.3	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	92.1	95.1	95.5	95.9	96.2	96.2	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	92.1	95.1	95.5	95.9	96.2	96.2	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1600	92.1	95.1	95.5	95.9	96.2	96.2	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1400	92.3	95.3	95.7	96.0	96.4	96.4	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1200	92.3	95.3	95.7	96.0	96.4	96.4	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1000	92.3	95.3	95.7	96.0	96.4	96.4	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	92.3	95.3	95.7	96.0	96.4	96.4	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	92.3	95.3	95.7	96.0	96.4	96.4	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 700	92.3	95.3	95.7	96.0	96.4	96.4	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	92.3	95.3	95.7	96.0	96.4	96.4	96.6	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	92.6	95.6	96.2	96.6	97.3	97.3	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 400	92.6	95.6	96.2	96.6	97.3	97.3	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 300	92.6	95.6	96.2	96.6	97.3	97.3	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	92.6	95.6	96.2	96.6	97.3	97.3	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100	92.6	95.6	96.2	96.6	97.3	97.3	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 0	92.6	95.6	96.2	96.6	97.3	97.3	97.5	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

FOR

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-7, 73-74

YEARS

MO. A

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	61.4	67.1	67.9	68.6	69.2	69.5	69.8	70.6	70.6	71.8	70.9	71.0	71.0	71.0	71.0	71.0
≥ 20000	56.2	72.5	73.4	74.1	74.5	75.2	75.6	76.4	76.4	76.6	76.7	76.9	77.0	77.1	77.2	77.3
≥ 18000	66.4	72.8	73.6	74.3	75.1	75.5	75.9	76.6	76.7	76.9	77.1	77.1	77.1	77.1	77.2	77.3
≥ 16000	66.6	73.0	73.6	74.4	75.3	75.7	76.1	76.8	76.9	77.1	77.2	77.2	77.2	77.2	77.3	77.4
≥ 14000	67.1	73.7	74.5	75.2	76.0	76.4	76.8	77.5	77.6	77.8	77.7	77.7	77.7	77.7	77.8	77.9
≥ 12000	68.4	75.1	76.0	76.5	77.6	78.0	78.4	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 10000	70.2	77.2	78.1	78.9	79.7	80.2	80.6	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 9000	70.5	77.6	78.6	79.3	80.2	80.6	81.0	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 8000	71.1	78.5	79.5	80.3	81.1	81.6	81.9	82.7	82.8	83.0	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	71.5	79.1	80.1	80.9	81.7	82.1	82.5	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 6000	71.8	79.4	80.4	81.2	82.1	82.5	82.9	83.7	83.8	84.0	84.2	84.2	84.2	84.2	84.2	84.2
≥ 5000	72.2	80.1	81.1	81.9	82.7	83.1	83.5	84.3	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4500	72.5	80.4	81.4	82.2	83.1	83.5	83.9	84.7	84.8	85.0	85.1	85.1	85.1	85.1	85.1	85.1
≥ 4000	73.1	81.2	82.2	83.1	84.0	84.4	84.8	85.6	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 3500	73.4	81.5	82.5	83.5	84.4	84.8	85.2	86.0	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4
≥ 3000	74.0	82.2	83.2	84.2	85.1	85.5	85.9	86.7	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	74.6	83.0	84.1	85.1	86.1	86.5	86.9	87.7	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1
≥ 2000	75.6	84.5	85.6	86.7	87.7	88.1	88.5	89.3	89.4	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800	76.3	85.2	86.4	87.5	88.4	88.9	89.3	90.1	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	77.3	86.6	87.9	89.0	90.0	90.5	91.0	91.8	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	78.0	87.7	89.1	90.2	91.3	91.8	92.4	93.4	93.5	93.8	94.0	94.1	94.1	94.1	94.1	94.1
≥ 1000	78.3	88.2	89.6	90.7	91.9	92.4	93.0	94.1	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7
≥ 900	78.4	88.5	89.9	91.0	92.2	92.8	93.4	94.5	94.6	94.9	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	78.5	88.8	90.3	91.5	92.7	93.3	93.9	95.0	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7
≥ 700	78.6	89.1	90.6	91.8	93.0	93.7	94.3	95.5	95.6	95.9	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	78.6	89.3	90.8	92.1	93.4	94.1	94.7	95.9	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500	78.7	89.5	91.1	92.4	93.9	94.5	95.3	96.6	96.7	97.1	97.5	97.5	97.5	97.5	97.5	97.5
≥ 400	78.7	89.6	91.2	92.6	94.1	94.7	95.6	96.9	97.1	97.5	97.9	97.9	97.9	97.9	97.9	97.9
≥ 300	78.7	89.7	91.3	92.7	94.2	94.9	95.7	97.3	97.4	97.9	98.4	98.4	98.4	98.4	98.4	98.4
≥ 200	78.7	89.7	91.3	92.7	94.2	94.9	95.8	97.4	97.6	98.0	98.5	98.5	98.5	98.5	98.5	98.5
≥ 100	78.7	89.7	91.3	92.7	94.2	94.9	95.8	97.4	97.6	98.0	98.5	98.5	98.5	98.5	98.5	98.5
≥ 0	78.7	89.7	91.3	92.7	94.2	94.9	95.8	97.4	97.6	98.0	98.5	98.5	98.5	98.5	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

2735

GLOBAL CLIMATOLOGY STATION
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

7-71, 72, 75-78

APR

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0.00-0.20

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	71.3	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	79.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	79.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 16000	79.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 14000	79.1	80.4	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	81.3	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	83.4	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 9000	83.4	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 8000	84.7	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 7000	84.7	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 6000	85.8	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 5000	87.1	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	87.1	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	87.7	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	87.7	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3000	89.3	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	89.5	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 2000	90.1	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1800	90.6	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1500	92.0	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1200	92.5	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1000	93.6	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900	94.6	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	95.4	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 700	95.7	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	96.5	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	96.8	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	96.8	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	96.8	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	96.8	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	96.8	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	96.8	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

27

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REGE AFB TX

STATION NAME

7-73, 73-78

YEARS

AD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 0	≥ 0
NO CEILING	69.3	70.6	70.8	71.2	71.5	71.5	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 20000	73.2	74.8	75.1	75.3	75.7	75.7	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 18000	73.2	74.8	75.0	75.3	75.7	75.7	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 16000	73.2	74.8	75.0	75.3	75.7	75.7	75.7	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 14000	73.6	75.1	75.3	75.7	76.1	76.1	76.1	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 12000	74.8	76.3	76.5	76.9	77.2	77.2	77.2	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 10000	77.0	78.9	79.1	79.5	79.9	79.9	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 9000	77.0	78.9	79.1	79.5	79.9	79.9	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 8000	77.2	79.5	79.7	80.1	80.5	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 7000	77.2	79.5	79.7	80.1	80.5	80.5	80.5	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
≥ 6000	77.4	79.7	79.9	80.3	80.6	80.6	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 5000	78.9	81.2	81.4	81.8	82.2	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 4500	79.1	81.4	81.6	82.0	82.4	82.4	82.4	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000	80.1	82.5	82.7	83.1	83.5	83.5	83.5	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500	80.3	82.7	82.9	83.3	83.7	83.7	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 3000	81.8	84.2	84.4	84.8	85.2	85.2	85.2	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500	82.0	84.4	84.6	85.0	85.4	85.4	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000	83.1	85.9	86.0	86.3	86.7	86.7	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800	83.3	86.1	86.3	86.7	87.1	87.1	87.1	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 1500	85.0	88.0	88.2	88.6	89.0	89.0	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 1200	87.3	90.5	90.7	91.1	91.5	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1000	88.4	92.0	92.2	92.5	93.0	93.0	93.0	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 900	88.4	92.2	92.4	92.8	93.2	93.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	88.6	92.6	92.8	93.2	93.5	93.5	93.5	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 700	89.6	93.5	93.7	94.1	94.5	94.5	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	89.9	93.7	94.1	94.5	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 500	90.5	94.5	94.9	95.3	95.8	95.8	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	91.1	95.1	95.5	96.0	96.5	96.5	96.5	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 300	91.3	95.4	95.8	96.4	97.3	97.5	97.5	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200	91.3	95.4	96.0	96.4	97.3	97.5	97.5	97.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 100	91.3	95.4	96.0	96.4	97.3	97.5	97.5	97.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 0	91.3	95.4	96.0	96.4	97.3	97.5	97.5	97.7	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

527

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-72, 72-72

AP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1600-0000
MOON 15

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	59.0	64.0	64.5	64.7	65.1	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 20000	64.0	69.9	70.5	70.7	71.1	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000	64.0	69.8	70.5	70.7	71.1	71.1	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000	64.1	69.9	70.6	70.9	71.2	71.2	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 14000	64.6	70.6	71.4	71.6	72.1	72.1	72.3	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 12000	65.9	71.8	72.6	72.8	73.3	73.3	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 10000	67.7	73.8	74.5	74.8	75.3	75.3	75.5	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 9000	67.9	74.1	74.8	75.0	75.5	75.5	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 8000	68.7	74.9	75.9	76.1	76.6	76.6	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 7000	68.9	75.3	76.4	76.6	77.1	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 6000	69.2	75.8	76.9	77.1	77.6	77.6	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 5000	69.4	76.1	77.4	77.6	78.1	78.1	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4500	69.8	76.6	78.1	78.3	78.8	78.8	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000	70.3	77.2	78.7	78.9	79.4	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3500	70.3	77.2	78.7	78.9	79.4	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 3000	70.6	77.6	79.2	79.4	79.9	79.9	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 2500	71.6	78.8	80.4	80.7	81.2	81.2	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 2000	73.3	81.2	82.7	83.1	83.5	83.5	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 1800	73.7	81.5	83.1	83.4	83.8	83.8	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 1500	74.8	83.1	84.9	85.2	85.8	85.8	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 1200	76.1	85.1	87.3	87.6	88.2	88.2	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 1000	76.9	86.2	88.5	89.1	89.7	89.7	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 900	77.5	87.1	89.5	90.1	90.6	90.6	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 800	78.0	87.9	90.2	91.2	91.5	91.5	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 700	78.1	89.2	90.8	91.9	92.9	92.9	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 600	78.1	89.4	90.9	92.0	93.1	93.1	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 500	78.7	89.4	91.9	93.1	94.2	94.2	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 400	78.8	89.5	92.2	93.4	94.9	94.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 300	78.8	89.5	92.2	93.4	94.9	94.9	95.3	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 200	78.8	89.5	92.2	93.4	94.9	94.9	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 100	78.8	89.5	92.2	93.4	94.9	94.9	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 0	78.8	89.5	92.2	93.4	94.9	94.9	95.6	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3

TOTAL NUMBER OF OBSERVATIONS

17

GLOBAL CLIMATOLOGY SECTION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

STATION NAME

7-73, 73-75

YEARS

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1960-1964

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING ≥ 20000	60.7	64.4	65.2	65.7	66.0	66.5	67.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 18000	66.4	71.0	71.8	72.3	72.8	73.0	74.5	75.9	76.0	76.1	76.3	76.7	76.8	76.8	76.8	76.8
≥ 16000	68.3	73.0	74.1	74.5	74.5	75.3	77.8	78.1	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6
≥ 14000	67.4	72.1	73.0	73.5	73.8	74.3	77.1	77.2	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4
≥ 12000	68.3	73.0	74.1	74.5	74.5	75.3	77.8	78.1	78.3	78.4	78.5	78.6	78.6	78.6	78.6	78.6
≥ 10000	69.4	74.2	75.2	75.7	76.0	76.4	77.9	79.3	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7
≥ 9000	69.4	74.2	75.2	75.7	76.0	76.4	77.9	79.3	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7
≥ 8000	70.0	74.9	75.9	76.3	76.8	77.2	78.7	80.1	80.2	80.3	80.5	80.9	81.0	81.0	81.0	81.0
≥ 7000	70.4	75.5	76.6	77.0	77.5	77.9	79.4	80.7	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2
≥ 6000	70.4	75.5	76.6	77.0	77.5	77.9	79.4	80.7	80.9	81.0	81.2	81.2	81.2	81.2	81.2	81.2
≥ 5000	70.7	75.8	76.8	77.2	77.7	78.1	79.6	81.0	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	70.7	75.8	76.8	77.2	77.7	78.1	79.6	81.0	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4000	71.1	76.3	77.3	77.8	78.4	78.8	80.3	81.8	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3500	71.5	76.7	77.7	78.1	78.6	79.3	80.7	82.2	82.3	82.4	82.7	82.7	82.7	82.7	82.7	82.7
≥ 3000	72.1	77.3	78.5	79.2	79.6	80.3	81.8	83.2	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2500	72.6	77.9	79.0	79.7	80.4	81.9	83.3	83.9	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3
≥ 2000	73.4	78.2	80.4	81.1	81.8	82.2	83.7	85.2	85.3	85.4	85.6	85.6	85.6	85.6	85.6	85.6
≥ 1800	74.5	80.5	81.8	82.4	83.1	83.6	85.1	86.5	86.6	86.7	87.0	87.2	87.2	87.2	87.2	87.2
≥ 1500	77.1	84.1	85.4	86.2	87.0	87.4	88.9	90.4	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1200	78.5	85.1	87.4	88.2	89.1	89.6	91.1	92.5	92.6	92.8	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	78.6	87.2	88.5	89.5	90.5	91.1	92.5	94.0	94.1	94.2	94.5	94.5	94.5	94.5	94.5	94.5
≥ 900	78.7	87.5	89.1	89.9	90.9	91.5	93.0	94.5	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9
≥ 800	78.9	88.3	90.1	91.3	92.4	93.0	94.5	95.9	96.0	96.1	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	78.9	88.3	90.6	92.1	93.4	94.0	95.5	96.9	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	78.9	88.4	90.7	92.2	93.7	94.2	95.8	97.3	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7
≥ 500	78.9	88.4	90.7	92.5	94.1	94.7	96.3	97.7	97.8	98.0	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	78.9	88.4	90.7	92.9	94.7	95.4	96.9	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	78.9	88.4	90.8	93.1	94.9	95.6	97.2	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	78.9	88.4	90.8	93.1	94.9	95.6	97.2	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	78.9	88.4	90.8	93.1	94.9	95.6	97.2	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	78.9	88.4	90.8	93.1	94.9	95.6	97.2	98.8	98.9	99.0	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

RESE AFF TX

7-73, 73-78

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

120-140

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	58.4	63.7	54.3	65.4	66.5	67.4	68.6	69.9	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	65.0	70.4	71.2	72.3	73.4	74.4	75.0	77.4	78.2	78.9	79.1	79.0	79.1	79.1	79.1	79.1
≥ 18000	65.3	70.8	71.6	72.7	73.8	74.8	75.9	77.8	78.6	79.2	79.3	79.3	79.4	79.4	79.4	79.4
≥ 16000	65.4	70.9	71.7	72.8	73.9	74.9	75.0	77.9	78.7	79.3	79.4	79.4	79.5	79.5	79.5	79.5
≥ 14000	66.1	71.6	72.3	73.4	74.5	75.5	76.7	78.6	79.3	80.0	80.1	80.1	80.2	80.2	80.2	80.2
≥ 12000	67.3	72.8	73.6	74.7	75.8	76.9	77.0	79.9	80.7	81.4	81.5	81.5	81.7	81.7	81.7	81.7
≥ 10000	68.3	73.8	74.6	75.7	76.8	77.0	78.1	79.2	81.1	81.9	82.7	82.8	82.8	82.8	82.9	82.9
≥ 9000	68.3	73.8	74.6	75.7	76.8	77.0	78.1	79.2	81.1	81.9	82.7	82.8	82.8	82.8	82.9	82.9
≥ 8000	68.7	74.1	74.9	76.1	77.3	78.4	79.6	81.4	82.2	83.0	83.1	83.1	83.2	83.2	83.2	83.2
≥ 7000	66.9	74.3	75.1	76.3	77.5	78.7	79.8	81.7	82.4	83.2	83.2	83.2	83.3	83.4	83.4	83.4
≥ 6000	69.3	74.8	75.6	76.8	78.0	79.1	80.2	82.1	82.9	83.7	83.8	83.8	83.9	83.9	83.9	83.9
≥ 5000	69.9	75.3	76.1	77.3	78.5	79.7	80.8	82.8	83.6	84.4	84.5	84.5	84.7	84.7	84.7	84.7
≥ 4500	70.3	75.8	76.6	77.8	79.0	80.1	81.2	83.2	84.0	84.9	85.0	85.0	85.1	85.1	85.1	85.1
≥ 4000	71.2	76.7	77.4	78.7	79.9	81.0	82.1	84.1	84.9	85.8	85.9	85.9	86.0	86.0	86.0	86.0
≥ 3500	71.7	77.1	77.9	79.1	80.3	81.4	82.5	84.6	85.3	86.2	86.3	86.3	86.4	86.4	86.4	86.4
≥ 3000	73.2	77.7	79.4	80.9	82.1	83.2	84.3	86.3	87.1	88.0	88.1	88.1	88.2	88.2	88.2	88.2
≥ 2500	74.6	80.1	81.1	82.6	83.8	84.9	86.0	88.0	88.8	89.7	89.8	89.8	89.9	89.9	89.9	89.9
≥ 2000	76.6	82.3	83.3	84.8	86.0	87.1	88.2	90.2	91.0	91.9	92.0	92.0	92.1	92.1	92.1	92.1
≥ 1500	77.2	83.7	84.7	86.1	87.3	88.4	89.6	91.6	92.3	93.2	93.3	93.3	93.4	93.4	93.4	93.4
≥ 1000	78.6	85.6	86.6	88.1	89.4	90.6	91.7	93.7	94.4	95.3	95.4	95.4	95.5	95.5	95.7	95.7
≥ 800	79.2	86.6	87.6	89.1	90.6	91.7	92.8	94.8	95.6	96.4	96.5	96.5	96.7	96.7	96.8	96.8
≥ 600	79.3	87.2	88.4	90.1	91.6	92.8	93.9	95.9	96.7	97.6	97.7	97.7	97.7	97.8	97.8	97.8
≥ 400	79.4	87.4	88.8	90.6	92.0	93.2	94.3	96.3	97.1	98.0	98.1	98.1	98.2	98.2	98.3	98.3
≥ 200	79.4	87.6	89.2	91.1	92.4	93.7	94.8	96.8	97.6	98.4	98.7	98.7	98.8	98.8	98.9	98.9
≥ 100	79.4	88.1	89.4	91.3	92.6	94.0	95.1	97.1	97.9	98.8	99.0	99.0	99.1	99.1	99.2	99.2
≥ 50	79.4	88.1	89.4	91.3	92.6	94.0	95.1	97.1	97.9	98.8	99.0	99.0	99.1	99.1	99.2	99.2
≥ 0	79.4	88.1	89.4	91.3	92.6	94.0	95.2	97.2	98.0	98.9	99.1	99.1	99.2	99.2	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

60

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 73-74

AP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

150,1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	55.7	63.1	63.9	65.2	67.3	67.7	68.0	69.4	69.6	70.3	70.4	70.4	70.4	70.4	70.4	70.4
≥ 20000	62.5	71.0	72.4	73.9	75.1	74.5	77.7	78.5	78.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 18000	62.9	71.4	72.7	74.2	76.2	74.9	77.0	78.8	79.4	80.1	80.2	80.2	80.2	80.2	80.2	80.2
≥ 16000	63.5	71.9	73.2	74.8	76.7	77.4	78.6	79.4	80.0	80.6	80.8	80.8	80.8	80.8	80.8	80.8
≥ 14000	64.3	72.7	74.2	75.7	77.7	78.4	79.5	80.3	80.9	81.0	81.7	81.7	81.7	81.7	81.7	81.7
≥ 12000	66.0	74.5	75.9	77.4	79.4	80.1	81.2	82.0	82.6	83.2	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	67.1	75.7	77.2	78.7	80.9	81.6	82.7	83.5	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	67.1	75.7	77.2	78.7	80.9	81.6	82.7	83.5	84.1	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	67.5	76.1	77.5	79.0	81.2	81.9	83.0	83.8	84.4	85.1	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	67.9	76.5	78.0	79.5	81.7	82.4	83.5	84.3	84.9	85.6	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	68.2	76.7	78.2	79.7	81.9	82.6	83.7	84.7	85.2	85.9	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	68.8	77.5	79.0	80.5	82.7	83.4	84.5	85.5	86.4	87.1	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	69.3	78.0	79.5	81.0	83.4	84.1	85.2	86.2	87.1	87.7	87.9	87.9	87.9	87.9	87.9	87.9
≥ 4000	70.7	79.6	81.2	82.8	85.1	85.8	86.9	87.9	88.8	89.6	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	71.7	80.9	82.5	84.1	86.3	87.0	88.1	89.1	90.0	90.8	91.0	91.0	91.0	91.0	91.0	91.0
≥ 3000	73.0	82.1	83.6	85.3	87.6	88.3	89.4	90.3	91.4	92.2	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500	74.1	83.5	85.3	86.9	89.1	90.1	91.4	92.3	92.9	93.7	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2000	74.8	84.4	86.2	87.9	90.0	91.1	92.3	93.4	93.9	94.7	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	75.1	85.0	86.8	88.4	90.6	91.6	92.9	94.0	94.6	95.4	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	75.8	86.1	88.0	89.5	91.8	92.8	94.0	95.2	95.8	96.6	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	76.3	86.7	88.5	90.1	92.4	93.5	94.7	95.9	96.4	97.2	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	76.5	87.1	89.0	90.7	93.0	94.0	95.3	96.4	97.0	97.8	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	76.6	87.3	89.2	91.0	93.2	94.3	95.5	96.7	97.3	98.1	98.2	98.2	98.2	98.2	98.2	98.2
≥ 800	76.7	87.5	89.5	91.2	93.5	94.5	95.8	96.9	97.5	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 700	76.7	87.5	89.5	91.3	93.6	94.6	95.9	97.0	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	76.7	87.5	89.5	91.3	93.6	94.6	95.9	97.0	97.6	98.4	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	76.7	87.7	89.7	91.5	93.8	94.8	96.4	97.6	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 400	76.7	87.7	89.7	91.5	93.8	94.8	96.4	97.6	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	76.7	87.7	89.7	91.5	93.8	94.8	96.4	97.6	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	76.7	87.7	89.7	91.5	93.8	94.8	96.4	97.6	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	76.7	87.7	89.7	91.5	93.8	94.8	96.4	97.6	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	76.7	87.7	89.7	91.5	93.8	94.8	96.4	97.6	98.2	99.0	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

873

CEILING VERSUS VISIBILITY

67-71, 73-75

1900-1901

TOTAL NUMBER OF OBSERVATIONS

739

USAF EIA 0-14.5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

23021

REFSE APR TX

STATION NAME

7-74, 73-75

YEAR

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

210-230

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .2	≥ .1	≥ .05	≥ .03	≥ .01
NO CEILING	78.5	70.1	79.2	79.2	79.2	70.2	70.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 20000	83.6	84.1	84.7	84.7	84.7	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	83.6	84.1	84.7	84.7	84.7	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	84.1	84.7	85.2	85.2	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 14000	85.6	86.2	86.8	86.8	86.8	86.8	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 12000	87.0	87.7	88.2	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 10000	87.0	87.7	88.2	88.4	88.4	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 9000	87.4	88.1	88.6	88.8	88.8	88.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	87.5	88.2	88.6	89.0	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 7000	88.3	89.0	89.5	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	90.6	91.3	91.9	92.1	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 5000	91.0	91.7	92.2	92.4	92.4	92.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 4500	92.6	93.7	94.2	94.4	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 4000	92.6	93.7	94.2	94.4	94.4	94.4	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 3500	93.5	94.8	95.3	95.5	95.5	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	94.0	95.3	96.0	96.2	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2500	94.0	95.3	96.0	96.2	96.2	96.2	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 2000	94.2	95.5	96.2	96.4	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800	94.6	96.0	96.8	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 1600	95.2	96.6	97.3	97.5	97.5	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1400	95.7	97.3	98.0	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1200	95.7	97.3	98.0	98.2	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	96.0	97.8	98.6	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	96.0	98.0	98.7	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 800	96.0	98.0	98.7	99.1	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	96.2	98.2	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	96.2	98.2	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	96.2	98.2	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	96.2	98.2	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	96.2	98.2	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	96.2	98.2	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	96.2	98.2	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	96.2	98.2	98.9	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

554

USAF ETAC 0-14-5 (OL AT PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE)

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

7-70, 72-73

STATION NAME

APR 2

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS EST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.1	≥0.05	≥0
NO CEILING	63.2	67.4	67.9	68.5	69.2	69.6	70.2	70.9	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.4
≥ 20000	69.2	74.0	74.8	75.5	76.1	76.5	77.2	78.0	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.7
≥ 18000	69.3	74.2	74.9	75.6	76.3	76.7	77.4	78.1	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000	69.5	74.3	75.1	75.8	76.5	76.9	77.6	78.3	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000	70.2	75.1	75.9	76.5	77.2	77.6	78.4	79.1	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.7
≥ 12000	71.6	76.6	77.4	78.1	78.8	79.2	80.0	80.7	81.0	81.2	81.3	81.3	81.3	81.3	81.3	81.4
≥ 10000	73.0	78.1	78.9	79.5	80.4	80.8	81.5	82.2	82.5	82.8	82.9	82.9	82.9	82.9	82.9	83.0
≥ 9000	73.0	78.2	79.0	79.7	80.5	80.9	81.6	82.3	82.6	82.9	82.9	82.9	82.9	82.9	82.9	83.0
≥ 8000	73.5	78.7	79.6	80.3	81.1	81.5	82.2	82.9	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.6
≥ 7000	73.7	79.0	79.9	80.6	81.4	81.8	82.5	83.2	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.9
≥ 6000	74.1	79.4	80.3	81.0	81.8	82.2	82.9	83.7	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.4
≥ 5000	75.0	80.3	81.3	82.0	82.8	83.2	84.0	84.7	85.0	85.3	85.3	85.3	85.3	85.3	85.3	85.4
≥ 4500	75.3	80.6	81.6	82.4	83.1	83.5	84.3	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8
≥ 4000	76.2	81.7	82.7	83.5	84.3	84.7	85.5	86.3	86.6	86.9	86.9	86.9	86.9	86.9	86.9	87.0
≥ 3500	76.6	82.1	83.2	83.9	84.8	85.2	86.0	86.8	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.6
≥ 3000	77.6	83.2	84.3	85.1	86.0	86.4	87.2	88.0	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.8
≥ 2500	78.3	84.1	85.2	86.1	86.9	87.3	88.1	88.9	89.2	89.5	89.6	89.6	89.6	89.6	89.6	89.7
≥ 2000	79.3	85.4	86.5	87.3	88.2	88.6	89.4	90.2	90.5	90.8	90.9	90.9	90.9	90.9	90.9	91.0
≥ 1800	79.8	86.0	87.2	88.0	88.9	89.3	90.1	90.9	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.7
≥ 1500	81.1	87.7	88.9	89.8	90.7	91.1	91.9	92.6	93.1	93.4	93.5	93.5	93.5	93.5	93.5	93.6
≥ 1200	82.0	88.9	90.2	91.1	92.0	92.5	93.2	94.1	94.4	94.7	94.8	94.8	94.8	94.8	94.8	94.9
≥ 1000	82.4	89.7	91.1	92.1	93.0	93.5	94.3	95.2	95.5	95.8	95.9	95.9	95.9	95.9	95.9	96.0
≥ 900	82.6	90.1	91.5	92.5	93.5	93.9	94.8	95.6	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.4
≥ 800	82.8	90.6	92.1	93.2	94.2	94.7	95.5	96.3	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.1
≥ 700	83.0	90.8	92.4	93.6	94.7	95.2	96.0	96.9	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.7
≥ 600	83.1	90.9	92.5	93.7	94.9	95.3	96.2	97.1	97.4	97.7	97.8	97.8	97.8	97.8	97.8	97.9
≥ 500	83.3	91.2	92.8	94.1	95.3	95.7	96.7	97.5	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.3
≥ 400	83.3	91.3	92.9	94.3	95.5	96.1	97.1	97.9	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.7
≥ 300	83.3	91.3	93.0	94.3	95.7	96.2	97.2	98.1	98.4	98.7	98.8	98.8	98.8	98.8	98.8	98.9
≥ 200	83.3	91.2	93.0	94.3	95.7	96.2	97.2	98.2	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.2
≥ 100	83.3	91.3	93.0	94.3	95.7	96.2	97.2	98.2	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.2
≥ 0	83.3	91.3	93.0	94.3	95.7	96.2	97.2	98.2	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.2

TOTAL NUMBER OF OBSERVATIONS

5606

USAF ETAC

FORM
12-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX STATION NAME

7-70-75-70

WCHY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

43077700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	71.5	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 20000	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
≥ 18000	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 16000	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 12000	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 10000	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 9000	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 8000	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 7000	84.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 6000	84.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	85.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	87.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500	88.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000	88.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800	93.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1500	94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	95.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	95.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 900	95.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 800	96.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	96.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 600	96.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	96.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

391

USAF ETAC 0-145 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE DATA BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7-70, 73-78

YEARS

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-0500
HOURS T-1

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥0
NO CEILING	68.9	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 20000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 18000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 16000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 14000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 12000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 10000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 9000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 8000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 7000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 6000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 5000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4500	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 4000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3500	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 3000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2500	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 2000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1800	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1500	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1200	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 1000	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 900	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 800	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 700	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 600	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 500	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 400	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 300	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 200	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 100	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
≥ 0	72.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0

TOTAL NUMBER OF OBSERVATIONS

547

USAF ETAC

FORM 1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-70-73-70

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

400-0000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	60.1	64.2	65.2	65.4	65.5	65.4	65.0	65.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.4
≥ 18000	64.1	68.7	69.8	70.7	70.1	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	71.0
≥ 16000	64.1	68.7	69.8	70.7	70.1	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7	70.7	71.0
≥ 14000	64.2	68.8	69.9	70.1	70.3	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	71.1
≥ 12000	65.3	70.7	71.1	71.3	71.4	71.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.3
≥ 10000	67.9	72.5	73.7	74.1	74.2	74.3	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.8	74.8	75.0
≥ 9000	68.2	73.7	74.1	74.4	74.5	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.4
≥ 8000	68.8	73.4	74.6	75.0	75.1	75.2	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.9
≥ 7000	69.2	74.1	75.2	75.6	75.7	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.5
≥ 6000	69.3	74.3	75.5	75.8	75.9	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.8
≥ 5000	69.7	74.5	75.5	76.2	76.3	76.4	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	77.1
≥ 4500	70.7	75.9	77.5	77.8	78.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.8
≥ 4000	71.2	76.4	78.0	78.2	78.4	78.4	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.3
≥ 3500	71.7	77.3	78.8	79.1	79.3	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	79.9	80.1
≥ 3000	71.9	77.7	79.3	79.4	79.7	79.8	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.6
≥ 2500	73.1	79.3	80.8	81.2	81.3	81.4	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	82.1
≥ 2000	74.9	81.5	83.2	83.5	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.5
≥ 1800	75.2	81.9	83.5	84.0	84.1	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	85.0
≥ 1500	77.0	84.1	86.1	86.7	86.8	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.7
≥ 1200	79.4	87.2	89.2	89.9	90.0	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.9
≥ 1000	79.6	87.9	90.0	90.2	91.0	91.1	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.7	91.7	91.9
≥ 900	80.0	88.7	90.9	91.7	91.9	92.1	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.8	93.1
≥ 800	80.5	89.2	91.4	92.4	92.7	92.8	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.7
≥ 700	80.7	88.6	91.3	92.8	93.2	93.4	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.3
≥ 600	81.0	89.0	92.2	93.2	93.7	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.7
≥ 500	81.2	90.4	92.6	94.0	94.5	94.7	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.7
≥ 400	81.2	90.5	93.0	94.3	95.1	95.5	95.2	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.3
≥ 300	81.2	90.5	93.0	94.3	95.3	95.7	96.6	97.5	97.5	97.5	97.5	97.5	97.5	98.1	98.1	98.3
≥ 200	81.2	90.5	93.0	94.4	95.4	95.9	96.9	97.9	97.9	97.9	97.9	97.9	97.9	98.4	98.4	98.6
≥ 100	81.2	90.5	93.3	94.4	95.4	96.0	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.8
≥ 0	81.2	90.5	93.3	94.4	95.4	96.0	97.2	98.1	98.1	98.1	98.1	98.1	98.1	98.7	98.7	98.8

TOTAL NUMBER OF OBSERVATIONS

44

USAF ETAC

FORM 10-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY SERVICE
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7-7-73-76

YEARS

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1101
HOURS (LST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	66.3	69.4	69.8	69.9	69.9	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
≥ 20000	70.8	74.3	74.5	74.9	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	70.9	74.4	74.6	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 16000	70.9	74.4	74.6	74.9	75.1	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 14000	71.1	74.7	74.9	75.3	75.4	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 12000	71.9	75.6	75.9	76.3	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	74.0	77.7	78.0	78.3	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 9000	74.0	77.7	78.0	78.3	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 8000	74.3	78.0	78.3	78.7	78.9	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 7000	74.9	78.7	79.0	79.3	79.5	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 6000	75.4	79.1	79.4	79.8	80.0	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	76.3	80.1	80.4	80.7	81.0	81.1	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 4500	76.6	80.4	80.7	81.1	81.3	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
≥ 4000	77.1	81.0	81.3	81.6	81.8	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 3500	78.2	82.2	82.5	82.8	83.0	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 3000	79.4	83.7	84.1	84.5	84.7	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	80.5	85.1	85.6	86.0	86.2	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 2000	82.3	87.2	87.6	88.1	88.3	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 1800	82.9	88.0	88.4	88.8	89.1	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 1500	85.0	90.5	90.9	91.5	91.7	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 1200	85.7	91.8	92.5	93.1	93.3	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	86.0	92.0	93.5	94.2	94.4	94.5	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 900	86.3	92.2	94.1	94.7	95.0	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 800	86.5	92.5	94.4	95.1	95.4	95.5	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700	86.8	93.0	95.0	95.6	96.0	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 600	87.1	94.2	95.3	96.0	96.4	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	87.2	94.4	95.7	96.5	97.0	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	87.2	94.5	96.1	96.8	97.4	97.8	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300	87.2	94.6	96.2	96.9	97.5	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 200	87.2	94.6	96.2	96.9	97.5	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 100	87.2	94.6	96.2	96.9	97.5	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 0	87.2	94.6	96.2	96.9	97.5	98.0	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS

914

GLOBAL CLIMATE DATA
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

23021

RESE AFR TX

STATION NAME

7-71, 73-78

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

12053140

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥1/20	≥0
NO CEILING	67.5	70.8	71.3	71.5	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 20000	72.5	76.7	77.4	77.7	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 18000	72.5	76.7	77.4	77.7	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 16000	72.5	77.1	77.9	78.1	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 14000	73.8	78.0	78.8	79.1	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 12000	74.6	78.8	79.8	79.8	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
≥ 10000	76.5	80.8	81.8	82.3	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 9000	76.6	80.9	81.9	82.4	82.5	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	77.5	82.0	83.1	83.6	83.6	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 7000	78.2	82.7	83.8	84.2	84.4	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 6000	78.4	82.9	84.0	84.4	84.7	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 5000	79.6	84.1	85.2	85.7	86.1	86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 4500	80.3	85.2	86.3	86.7	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4000	82.0	87.4	88.5	88.9	89.3	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	84.1	89.9	91.0	91.6	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 3000	84.8	90.6	91.7	92.2	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	85.4	91.5	92.6	93.2	93.5	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	86.5	93.0	94.1	94.7	95.1	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	86.7	93.3	94.4	95.1	95.5	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	87.4	94.5	95.6	96.3	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	88.2	95.4	96.5	97.2	97.6	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000	88.5	95.8	97.0	97.7	98.1	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	88.4	96.5	97.7	98.4	98.8	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	88.5	96.6	97.8	98.5	98.9	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	88.5	96.7	97.9	98.6	99.0	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	88.5	96.8	98.1	98.8	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	88.5	96.9	98.2	98.9	99.3	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	88.5	96.9	98.2	98.9	99.3	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	88.5	96.9	98.2	98.9	99.3	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	88.5	96.9	98.2	98.9	99.3	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	88.5	96.9	98.2	98.9	99.3	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	88.5	96.9	98.2	98.9	99.3	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

913

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 73-78

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	>0	≥0
NO CEILING	65.6	66.7	70.5	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	72.7	77.9	78.9	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 18000	72.7	77.9	78.9	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 16000	73.0	78.3	79.4	80.0	80.2	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 14000	74.2	79.7	80.7	81.4	81.5	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 12000	74.9	80.4	81.4	82.1	82.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	76.3	82.1	83.1	83.8	83.9	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 9000	76.9	82.3	83.8	84.5	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 8000	77.3	83.2	84.3	84.9	85.1	85.1	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 7000	78.0	83.9	84.9	85.6	85.7	85.7	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	78.3	84.3	85.3	86.0	86.1	86.1	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	80.6	86.9	87.8	88.7	88.8	88.8	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500	81.4	87.9	88.9	89.9	90.0	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 4000	84.6	91.1	92.4	93.4	93.5	93.5	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 3500	86.0	92.9	94.2	95.2	95.3	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	86.8	93.8	95.1	96.1	96.2	96.2	96.6	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 2500	87.2	94.4	95.7	96.7	96.8	96.8	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 2000	87.7	95.0	96.2	97.3	97.4	97.4	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	87.7	95.0	96.2	97.3	97.4	97.4	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	87.7	95.3	96.7	97.7	97.8	97.8	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1200	87.9	95.6	96.9	97.9	98.1	98.1	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	88.0	95.7	97.0	98.1	98.2	98.2	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 900	88.4	96.0	97.4	98.4	98.5	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	88.4	96.1	97.5	98.5	98.6	98.6	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	88.5	96.4	97.7	98.7	98.9	98.9	99.2	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	88.5	96.5	97.8	98.9	99.0	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	88.5	96.5	97.8	98.9	99.0	99.0	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	88.5	96.6	97.9	99.0	99.1	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	88.5	96.6	97.9	99.0	99.1	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 200	88.5	96.6	97.9	99.0	99.1	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 100	88.5	96.6	97.9	99.0	99.1	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 0	88.5	96.6	97.9	99.0	99.1	99.1	99.4	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

877

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-7-73-73

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1000000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	69.5	72.4	72.9	72.9	73.1	73.2	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 18000 ≥ 16000	77.2	81.7	82.0	82.5	82.2	82.5	82.1	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 14000 ≥ 12000	78.2	82.7	82.9	82.9	83.2	83.5	84.0	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 10000 ≥ 9000	80.6	85.6	85.9	85.9	86.2	86.4	87.0	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 8000 ≥ 7000	81.8	87.1	87.2	87.4	87.7	87.9	88.5	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000 ≥ 5000	82.5	87.7	87.9	88.1	88.3	88.6	89.2	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 4500 ≥ 4000	83.7	89.3	89.6	89.7	89.9	90.2	90.8	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3500 ≥ 3000	84.3	89.6	90.1	90.4	90.7	90.9	91.5	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500 ≥ 2000	87.3	93.0	93.9	94.2	94.7	95.0	95.8	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 1800 ≥ 1500	88.9	94.9	95.8	96.2	96.6	96.9	97.8	98.5	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200 ≥ 1000	89.2	95.3	96.2	96.6	97.0	97.3	98.2	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900 ≥ 800	89.2	95.3	96.2	96.6	97.0	97.3	98.2	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700 ≥ 600	89.2	95.4	96.3	96.7	97.2	97.4	98.4	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500 ≥ 400	89.2	95.4	96.3	96.7	97.2	97.4	98.4	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300 ≥ 200	89.2	95.4	96.3	96.7	97.2	97.4	98.4	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 100 ≥ 0	89.2	95.4	96.3	96.7	97.2	97.4	98.4	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

73

USAF ETAC

FORM 1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7-70, 73-76

YEARS

DAY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/10	≥0	≥0
NO CEILING	78.5	80.0	80.1	80.1	80.5	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 25000	84.8	84.9	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 18000	84.8	84.9	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 16000	84.8	84.9	87.1	87.1	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 14000	85.3	87.4	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 12000	86.3	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 10000	87.4	89.5	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 9000	87.8	89.9	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 8000	88.3	90.4	90.6	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 7000	88.3	90.4	90.6	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 6000	88.3	90.4	90.6	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000	88.3	90.4	90.6	90.6	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500	89.9	92.0	92.2	92.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 4000	92.6	95.4	95.6	95.6	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3500	93.1	96.1	96.5	96.5	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3000	93.6	96.6	97.0	97.0	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 2500	93.8	96.8	97.2	97.2	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2000	94.3	97.3	97.7	97.7	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1800	94.3	97.3	97.7	97.7	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1500	94.5	97.5	97.9	97.9	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	94.7	97.7	98.0	98.0	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	95.2	98.4	98.8	98.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

564

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

23021 REEF IFS TX

7-7, 73-74

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0
NO CEILING	67.7	70.7	71.1	71.3	71.2	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 20000	73.2	76.7	77.3	77.5	77.5	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 18000	73.2	76.9	77.4	77.7	77.8	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000	73.9	77.4	78.1	78.3	78.4	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 14000	74.9	78.4	79.2	79.4	79.4	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 12000	76.3	80.4	81.2	81.5	81.6	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 10000	77.0	80.9	81.5	81.7	81.9	82.0	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 9000	77.7	81.4	82.2	82.5	82.6	82.7	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 8000	78.2	82.2	82.8	83.1	83.2	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 7000	78.5	82.4	83.1	83.3	83.5	83.6	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 6000	79.4	83.4	84.1	84.4	84.5	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 5000	80.2	84.3	85.1	85.4	85.5	85.7	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 4500	81.7	86.1	86.9	87.2	87.4	87.5	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	82.6	87.2	88.0	88.4	88.5	88.7	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 3500	83.4	88.1	88.9	89.3	89.3	89.4	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3000	84.1	89.1	89.9	90.3	90.3	90.6	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500	85.4	90.6	91.4	91.8	92.0	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2000	85.7	90.9	91.8	92.2	92.4	92.6	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	86.6	92.3	93.2	93.7	93.9	94.1	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	87.6	93.4	94.3	94.8	95.0	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	87.9	93.9	94.9	95.4	95.7	95.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	88.2	94.3	95.3	95.9	96.1	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900	88.4	94.6	95.6	96.2	96.5	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 800	88.6	94.9	96.0	96.6	96.8	97.0	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	88.7	95.1	96.2	96.8	97.1	97.3	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	88.7	95.4	96.5	97.1	97.5	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 500	88.8	95.4	96.7	97.3	97.7	98.0	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	88.8	95.5	96.7	97.4	97.8	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 300	88.8	95.5	96.7	97.4	97.8	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	88.8	95.5	96.7	97.4	97.8	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 100	88.8	95.5	96.7	97.4	97.8	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 0	88.8	95.5	96.7	97.4	97.8	98.1	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

3842

GLOBAL CLIMATOLOGY RESEARCH
USAF/ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

23021

PERSE AFB TX

7-70, 72-76

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

000-0000

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	≥½
NO CEILING	76.4	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	30.6	31.6	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
≥ 18000	80.6	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 16000	80.6	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 14000	80.8	81.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 12000	82.2	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	85.6	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 9000	86.6	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	87.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 7000	87.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	88.5	89.5	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 5000	89.0	90.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4500	90.8	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	94.5	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	96.6	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 3000	97.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2500	97.4	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	97.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1800	97.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1500	97.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1200	97.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	97.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	97.9	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	97.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	97.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	97.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.9	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

001

USAF/ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AF

CEILING VERSUS VISIBILITY

23021 REFERENCE TABLE

7-7-73-7

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

3300000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	75.4	74.1	70.1	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
≥20000	79.8	80.5	80.5	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥18000	79.8	80.5	80.5	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥16000	79.8	80.5	80.5	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥14000	79.8	80.5	80.5	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥12000	81.2	81.2	81.2	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥10000	83.7	84.4	84.4	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥9000	83.7	84.4	84.4	84.4	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥8000	85.2	85.8	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥7000	86.0	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥6000	87.9	88.4	88.4	88.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥5000	89.6	90.2	90.2	90.2	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥4500	90.2	90.9	90.9	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥4000	90.9	91.5	91.5	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥3500	91.2	92.2	92.2	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥3000	92.7	93.8	93.8	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥2500	93.8	95.0	95.0	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥2000	94.0	95.1	95.1	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥1800	94.3	95.4	95.4	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥1600	94.6	95.8	95.8	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥1400	94.8	96.1	96.1	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥1200	95.4	96.7	96.7	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥1000	95.4	96.7	96.7	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥900	95.4	96.7	96.7	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥800	95.8	97.1	97.1	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥700	95.8	97.1	97.1	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥600	95.8	97.1	97.1	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥500	95.8	97.1	97.1	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥400	96.6	97.9	97.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥300	96.6	97.9	97.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥200	96.6	97.9	97.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥100	96.6	97.9	97.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥50	96.6	97.9	97.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥0	96.6	97.9	97.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

41

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PAAC

CEILING VERSUS VISIBILITY

25021
STATION

REESE AFB TX

STATION NAME

7-73, 73-76

STATION

STATION

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-0000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0.01	≥0
NO CEILING ≥ 20000	72.6 77.3	74.7 79.5	75.0 79.9	75.4 80.2	75.5 80.3	75.6 80.3	75.9 81.0	75.9 81.0	75.9 81.0	75.9 81.0	75.9 81.0	75.9 81.0	75.9 81.0	75.9 81.0	75.9 81.0	75.9 81.0
≥ 18000 ≥ 16000	77.5 77.5	79.7 79.7	80.0 80.0	80.4 80.4	80.3 80.3	80.9 80.9	81.1 81.1	81.1 81.1	81.1 81.1	81.1 81.1	81.1 81.1	81.1 81.1	81.1 81.1	81.1 81.1	81.1 81.1	81.1 81.1
≥ 14000 ≥ 12000	78.0 79.3	80.1 81.4	80.5 82.0	80.4 82.3	81.2 82.7	81.4 82.9	81.6 83.1	81.6 83.1	81.6 83.1	81.6 83.1	81.6 83.1	81.6 83.1	81.6 83.1	81.6 83.1	81.6 83.1	81.6 83.1
≥ 10000 ≥ 9000	81.1 81.2	83.4 82.6	84.2 84.2	84.5 84.7	84.5 85.1	85.0 85.1	85.3 85.4	85.3 85.4	85.3 85.4	85.3 85.4	85.3 85.4	85.3 85.4	85.3 85.4	85.3 85.4	85.3 85.4	85.3 85.4
≥ 8000 ≥ 7000	82.9 83.2	85.5 85.5	86.0 86.2	86.5 86.7	86.8 87.1	87.0 87.2	87.2 87.5	87.2 87.5	87.2 87.5	87.2 87.5	87.2 87.5	87.2 87.5	87.2 87.5	87.2 87.5	87.2 87.5	87.2 87.5
≥ 6000 ≥ 5000	83.9 84.3	85.2 86.6	87.0 87.5	87.5 87.9	87.3 88.3	87.9 89.4	88.2 89.7	88.2 89.7	88.2 89.7	88.2 89.7	88.2 89.7	88.2 89.7	88.2 89.7	88.2 89.7	88.2 89.7	88.2 89.7
≥ 4500 ≥ 4000	84.4 85.4	86.7 87.7	87.0 88.6	88.1 89.0	88.4 89.4	89.5 90.5	89.8 90.8	89.8 90.8	89.8 90.8	89.8 90.8	89.8 90.8	89.8 90.8	89.8 90.8	89.8 90.8	89.8 90.8	89.8 90.8
≥ 3500 ≥ 3000	85.5 86.1	87.8 88.7	88.9 89.8	89.4 90.3	89.8 90.6	89.9 90.7	90.1 91.0	90.1 91.0	90.1 91.0	90.1 91.0	90.1 91.0	90.1 91.0	90.1 91.0	90.1 91.0	90.1 91.0	90.1 91.0
≥ 2500 ≥ 2000	87.5 87.8	90.1 90.5	91.2 91.6	91.7 92.1	92.1 92.4	92.2 92.4	92.6 92.9	92.6 92.9	92.6 92.9	92.6 92.9	92.6 92.9	92.6 92.9	92.6 92.9	92.6 92.9	92.6 92.9	92.6 92.9
≥ 1800 ≥ 1500	88.2 88.8	90.0 91.6	92.0 92.7	92.4 93.2	92.6 93.5	92.9 93.7	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0	93.3 94.0
≥ 1200 ≥ 1000	89.9 90.3	92.8 92.2	94.0 94.5	94.5 95.1	94.9 95.4	95.0 95.7	95.4 96.1	95.4 96.1	95.4 96.1	95.4 96.1	95.4 96.1	95.4 96.1	95.4 96.1	95.4 96.1	95.4 96.1	95.4 96.1
≥ 900 ≥ 800	90.7 90.9	93.8 93.7	95.0 95.1	95.5 95.6	95.9 96.1	96.2 96.3	96.7 96.8	96.7 96.8	96.7 96.8	96.7 96.8	96.7 96.8	96.7 96.8	96.7 96.8	96.7 96.8	96.7 96.8	96.7 96.8
≥ 700 ≥ 600	91.1 91.2	94.4 95.1	95.7 96.6	96.3 97.3	96.7 97.3	97.1 98.2	97.6 98.7	97.6 98.7	97.6 98.7	97.6 98.7	97.6 98.7	97.6 98.7	97.6 98.7	97.6 98.7	97.6 98.7	97.6 98.7
≥ 500 ≥ 400	91.2 91.2	95.2 95.2	96.7 96.7	97.7 97.7	98.3 98.4	98.9 99.3	99.1 99.3	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4	99.1 99.4
≥ 300 ≥ 200	91.2 91.2	95.2 95.2	96.7 96.7	97.7 97.8	98.3 98.5	98.9 99.9	99.5 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8
≥ 100 ≥ 0	91.2 91.2	95.2 95.2	96.7 96.7	97.7 97.8	98.3 98.5	98.9 99.9	99.5 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8	99.8 99.8

TOTAL NUMBER OF OBSERVATIONS

921

USAF ETAC

FORM 13164

0-145 (OL, A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

23021

REUSE OFF TX

STATION NAME

7-7, 72-72

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1990-11-01

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.4	≥1	≥.5	≥.4	≥.3	≥.25	≥.2	≥0
NO CEILING	74.2	76.2	76.5	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	78.6	80.5	80.9	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 18000	79.0	80.9	81.2	81.5	81.5	81.5	81.5	81.5	81.5	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 16000	79.1	81.0	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 14000	79.3	81.2	81.5	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 12000	80.3	82.6	83.1	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10000	82.3	84.2	84.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 9000	82.3	84.2	84.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 8000	83.2	85.1	85.7	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 7000	83.6	85.5	86.1	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 6000	84.0	85.9	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	84.2	86.1	86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 4500	84.4	86.3	87.0	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	84.5	86.4	87.1	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 3500	85.1	87.1	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	85.7	87.8	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	87.2	89.5	90.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2000	88.8	91.5	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1800	89.7	92.4	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	91.8	94.5	95.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	92.4	95.4	96.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 1000	92.8	96.0	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 900	92.8	96.1	97.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	92.8	96.2	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	92.8	96.2	97.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	93.0	96.4	97.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 500	93.0	96.6	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 400	93.0	96.6	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	93.0	96.6	97.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 200	93.0	96.7	97.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	93.0	96.7	97.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	93.0	96.7	97.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

99

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE WATCH
USAF ETAC
AIR WEATHER SERVICE/NAF

CEILING VERSUS VISIBILITY

23021

REESF AFB TX

7-70, 73-75

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

120-140

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	70.7	78.7	78.2	78.2	78.0	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 20000	81.1	82.4	82.4	82.4	82.4	82.3	82.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 18000	81.1	82.4	82.4	82.4	82.4	82.3	82.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 16000	81.1	82.4	82.4	82.4	82.4	82.3	82.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1
≥ 14000	81.2	82.4	82.6	82.6	82.9	82.9	82.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 12000	82.9	84.3	84.3	84.3	84.7	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 10000	83.8	85.2	85.2	85.2	85.6	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 9000	84.1	85.6	85.6	85.6	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 8000	84.4	86.0	86.0	86.0	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000	84.4	86.0	86.0	86.0	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 6000	84.9	86.4	86.4	86.4	86.6	86.6	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000	85.9	87.4	87.4	87.4	87.9	87.9	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 4500	86.6	88.4	88.6	88.6	88.9	88.9	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 4000	88.0	90.0	90.1	90.1	90.4	90.4	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 3500	89.4	91.8	91.9	91.9	92.2	92.2	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 3000	91.0	93.4	93.7	93.8	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 2500	92.6	95.6	95.8	95.9	96.3	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 2000	93.7	96.9	97.1	97.2	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	93.8	97.0	97.2	97.3	97.8	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1500	94.0	97.2	97.4	97.6	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1200	94.1	97.4	97.7	97.8	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1000	94.4	97.8	98.0	98.1	98.6	98.6	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 900	94.4	97.9	98.1	98.2	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 800	94.4	98.2	98.4	98.6	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	94.4	98.4	98.7	98.8	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	94.4	98.4	98.7	98.8	99.2	99.2	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 500	94.4	98.7	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 400	94.4	98.7	99.0	99.1	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	94.4	98.7	99.0	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.4	98.7	99.0	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.4	98.7	99.0	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.4	98.7	99.0	99.1	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

000

GLOBAL CLIMATOLOGY BRANCH
USAF/ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

23021

RLESE AFB TX

STATION NAME

7-7-73-7c

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1230-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING ≥ 20000	71.4	73.2	73.3	73.5	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 18000	79.1	81.1	81.1	81.3	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 16000	79.1	81.1	81.1	81.3	81.6	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 14000	79.7	81.7	81.7	81.9	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 12000	81.5	83.9	83.9	84.1	84.4	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 10000	83.0	85.3	85.3	85.5	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 9000	83.2	85.5	85.5	85.8	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 8000	83.3	85.8	85.8	86.1	86.7	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 7000	83.7	86.1	86.2	86.5	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 6000	84.1	86.7	86.8	87.0	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 5000	86.5	89.0	89.1	89.3	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	87.0	89.8	90.0	90.2	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4000	89.6	93.0	93.1	93.3	93.9	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 3500	90.9	94.7	94.9	95.1	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 3000	91.9	95.9	96.0	96.4	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 2500	92.0	96.8	97.0	97.5	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 2000	93.2	97.4	97.5	97.9	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1800	93.2	97.4	97.5	97.9	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 1500	93.5	97.7	97.8	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1200	93.5	97.7	97.8	98.1	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 1000	93.9	98.1	98.2	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	93.9	98.1	98.2	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	93.9	98.2	98.4	98.7	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	93.9	98.5	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	93.9	98.5	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	93.9	98.5	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	93.9	98.5	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	93.9	98.5	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	93.9	98.5	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	93.9	98.5	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	93.9	98.5	98.7	99.1	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

357

USAF-ETAC

FORM 1-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/1AC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7-72, 73-78

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/5	≥1/10	≥0
NO CEILING	68.1	69.4	69.0	70.2	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 20000	81.2	82.9	84.0	84.8	85.0	85.2	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 18000	81.2	82.9	84.3	84.8	85.3	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 16000	81.3	84.1	84.5	84.9	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 14000	82.3	85.0	85.4	85.7	86.4	86.4	86.5	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	83.8	86.8	87.0	87.4	87.9	87.9	88.0	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 10000	86.1	89.0	89.4	89.8	90.4	90.4	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 9000	86.1	89.0	89.4	89.8	90.4	90.4	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 8000	86.1	89.0	89.4	89.8	90.4	90.4	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 7000	86.4	89.6	90.0	90.4	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 6000	86.7	90.1	90.7	91.1	91.9	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 5000	86.3	90.4	90.9	91.3	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4500	87.9	91.6	92.3	92.7	93.5	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 4000	89.3	92.7	94.5	94.9	95.9	95.9	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 3500	90.1	95.2	96.0	96.4	97.5	97.5	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 3000	90.8	96.0	96.8	97.3	98.4	98.4	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 2500	90.9	96.2	97.0	97.4	98.5	98.5	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 2000	91.2	96.6	97.4	97.8	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	91.5	96.7	97.5	97.9	99.0	99.0	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	91.5	96.7	97.7	98.1	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 1000	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 900	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	91.6	96.8	97.8	98.2	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

724

USAF ETAC

FORM 10-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

7-7, 73-75

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

210-1-2264

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 6	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	73.0	74.7	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
≥ 20000	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 18000	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000	84.4	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000	85.1	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 12000	86.0	87.2	87.2	87.2	87.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 10000	88.2	89.4	89.4	89.4	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 9000	88.2	89.4	89.4	89.4	89.4	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 8000	88.7	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 7000	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	88.9	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 5000	90.1	92.1	92.3	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 4500	90.9	92.9	93.0	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 4000	92.7	95.2	95.7	96.4	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 3500	93.7	96.4	96.8	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3000	95.3	98.2	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2500	95.3	98.2	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 2000	95.3	98.2	98.6	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1800	95.5	98.4	98.7	99.1	99.3	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1500	95.7	98.6	98.9	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 1200	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 1000	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 900	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	95.9	98.7	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

55

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25021

RESE APP TX

-7-71, 73-76

71

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL
HOURS 1-24

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥1/8	≥0
NO CEILING	75.5	74.8	75.1	75.4	75.6	75.7	75.8	75.9	75.8	75.8	75.8	75.9	75.9	75.8	75.8	75.9
≥ 70000	80.0	81.9	82.0	82.2	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 18000	80.1	81.8	82.0	82.3	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 16000	80.1	81.9	82.1	82.3	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 14000	80.6	82.3	82.5	82.8	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 12000	82.1	83.8	84.0	84.3	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 10000	84.0	85.9	86.1	86.4	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 9000	84.1	85.9	86.2	86.5	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 8000	84.8	86.7	87.0	87.3	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	85.1	87.0	87.4	87.7	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	85.7	87.7	88.0	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	86.7	88.7	89.1	89.4	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 4500	87.3	89.4	89.8	90.1	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000	88.7	91.1	91.5	91.8	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3500	89.5	92.3	92.7	93.1	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 3000	90.6	93.4	93.9	94.3	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 2500	91.5	94.5	95.0	95.4	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 2000	92.2	95.3	95.8	96.2	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1800	92.5	95.5	96.1	96.4	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 1500	93.0	96.1	96.6	97.0	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1200	93.3	96.5	97.1	97.5	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 1000	93.6	96.8	97.5	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 900	93.7	97.0	97.6	98.0	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	93.7	97.1	97.7	98.1	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	93.8	97.3	98.0	98.4	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	93.9	97.5	98.1	98.6	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	93.9	97.6	98.2	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	93.9	97.6	98.2	98.8	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	93.9	97.6	98.3	98.8	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	93.9	97.6	98.3	98.8	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	93.9	97.6	98.3	98.8	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	93.9	97.6	98.3	98.8	99.4	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

575

USAF ETAC FORM 7-74 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

23021

RIESE AFB TX

STATION NAME

2-7, 72-73

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2000-2001

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING ≥ 20000	77.5	77.5	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 18000	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 16000	82.4	82.4	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 14000	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 12000	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 10000	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 9000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 8000	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 7000	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 6000	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 5000	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 4000	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 3500	92.5	92.5	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 3000	93.0	93.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 2500	93.5	93.5	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 2000	94.1	94.1	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1800	94.6	94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500	95.1	95.1	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1200	95.6	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	95.6	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	95.6	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 800	95.6	95.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	97.2	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 600	97.4	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 500	97.7	97.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	97.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300	97.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	97.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100	97.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0	97.7	97.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

237

GLOBAL CLIMATOLOGY REPORT
USAFETAC
AIR WEATHER SERVICE/MAF

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7-7, 73-76

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

03050500
FROM TEST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥0
NO CEILING	74.9	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 20000	77.1	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 18000	77.1	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 16000	77.1	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 14000	77.6	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
≥ 12000	80.2	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 10000	83.5	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 9000	83.5	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 8000	84.9	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 7000	85.2	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 6000	85.9	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 5000	87.6	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4500	87.8	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	88.9	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500	89.2	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000	90.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500	90.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2000	90.5	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1800	91.0	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1500	91.1	92.1	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1200	91.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1000	92.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 900	92.2	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 800	92.7	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
≥ 700	93.3	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 600	95.1	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	95.7	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400	95.9	97.5	97.5	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300	96.2	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	96.2	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 100	96.2	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 0	96.2	97.8	97.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

500

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

STATION NAME

7-75-73-74

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0500-0900

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1	≥½	≥¼	≥⅛	≥1/16	≥1/32	≥1/64	≥0
NO CEILING	60.9	70.6	71.5	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 20000	71.2	73.0	74.0	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 18000	71.2	73.0	74.0	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 16000	71.2	73.0	74.0	74.2	74.3	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	71.7	73.4	74.5	74.6	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 12000	74.4	76.2	77.3	77.4	77.5	77.5	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000	78.9	80.7	81.8	81.9	82.1	82.1	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 9000	79.2	81.0	82.1	82.2	82.3	82.3	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 8000	80.3	82.1	83.3	83.4	83.5	83.5	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 7000	81.1	82.9	84.1	84.2	84.3	84.3	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 6000	81.8	83.6	84.8	84.9	85.1	85.1	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 5000	82.5	84.3	85.5	85.6	85.8	85.8	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	82.5	84.3	85.5	85.6	85.8	85.8	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4000	83.1	84.9	86.0	86.1	86.3	86.3	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3500	83.4	85.2	86.3	86.4	86.6	86.6	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 3000	83.9	85.7	86.8	86.9	87.1	87.1	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 2500	84.0	85.8	86.9	87.0	87.2	87.2	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 2000	84.3	86.1	87.2	87.3	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800	84.3	86.1	87.2	87.3	87.5	87.5	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1500	84.7	86.5	87.6	87.7	87.9	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 1200	85.4	87.2	88.3	88.4	88.6	88.6	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1000	86.1	87.9	89.0	89.1	89.3	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 900	86.4	88.2	89.3	89.4	89.6	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 800	86.6	88.4	89.5	89.6	89.8	89.8	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 700	86.7	88.5	89.6	89.7	89.9	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 600	87.1	88.9	90.0	90.1	90.3	90.3	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 500	87.4	89.2	90.3	90.4	90.6	90.6	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 400	87.6	89.4	90.5	90.6	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 300	87.6	89.4	90.5	90.6	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 200	87.6	89.4	90.5	90.6	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 100	87.6	89.4	90.5	90.6	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 0	87.6	89.4	90.5	90.6	90.8	90.8	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2

TOTAL NUMBER OF OBSERVATIONS

936

GLOBAL CLIMATE DATA BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

77-73-73-78

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0909-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥	≥0
NO CEILING	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
≥ 20000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 18000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 16000	76.1	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 14000	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000	78.8	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000	83.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 9000	83.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 8000	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 7000	85.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	85.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 5000	85.6	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 4500	85.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000	86.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	86.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	86.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500	88.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2000	89.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	89.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1500	90.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1200	91.9	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	92.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	92.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 800	92.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	92.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 600	92.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 500	92.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	92.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300	92.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200	92.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100	92.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 0	92.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

909

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAO

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

7-71, 73-74

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	¾
NO CEILING	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
≥ 20000	75.8	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 18000	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
≥ 16000	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
≥ 14000	76.6	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
≥ 12000	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 10000	83.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 9000	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 8000	84.3	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 7000	84.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 6000	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 4500	87.9	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 3500	89.9	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	91.7	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 2500	93.8	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	95.4	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1800	95.7	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500	96.0	97.0	97.2	97.2	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200	96.3	97.4	97.6	97.6	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	96.5	98.2	98.5	98.5	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 900	96.6	98.7	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	96.8	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	96.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	96.9	99.3	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

909

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

7-70, 72-78

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

150-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 20000	79.1	79.4	79.6	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 18000	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 16000	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 14000	80.3	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 12000	82.8	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 10000	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 7000	87.5	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 6000	88.1	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 5000	89.5	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	90.3	91.4	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	91.9	93.2	93.2	93.2	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	93.8	95.4	95.4	95.4	95.4	95.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 3000	95.0	96.7	96.7	96.7	96.7	96.7	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 2500	95.9	97.6	97.6	97.6	97.6	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	96.5	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	96.6	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1500	96.8	98.7	98.7	98.7	98.7	98.7	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	96.8	98.9	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	96.3	99.0	99.0	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	96.8	99.0	99.0	99.1	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 800	96.9	99.1	99.1	99.3	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 700	97.0	99.2	99.2	99.4	99.4	99.4	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	97.1	99.3	99.3	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	97.1	99.3	99.3	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	97.1	99.3	99.3	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	97.1	99.3	99.3	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.1	99.3	99.3	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.1	99.3	99.3	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	97.1	99.3	99.3	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

874

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-71, 72-78

YEARS

FILE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-10-20-30-40-50-60-70-80-90-100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01	≥0
NO CEILING	75.2	75.0	76.2	76.2	76.2	75.2	75.2	75.2	76.2	75.2	76.2	75.2	76.2	75.2	76.2	75.2
≥ 20000	83.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 18000	83.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 16000	83.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 14000	84.8	85.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 12000	89.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 10000	91.6	92.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 9000	92.1	92.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 8000	92.7	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 7000	93.2	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 6000	93.6	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 5000	94.2	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 4500	94.7	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 4000	95.2	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 3500	95.5	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 3000	95.6	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 2500	96.0	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 2000	96.6	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1800	96.6	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 1500	96.8	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1200	96.8	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	97.1	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 900	97.3	99.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 800	97.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 700	97.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	97.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 500	97.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	97.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	97.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	97.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	97.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	97.3	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

750

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7-73-78

YEAR

UNIT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

210-2300
MILES

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥1/2	≥1/4	≥1/8	≥1/16	≥0
NO CEILING ≥ 20000	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 15000	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 10000	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 12000	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 9000	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 8000	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
≥ 7000	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 6000	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 5000	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 4500	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 4000	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 3500	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 3000	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 2500	96.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 2000	97.4	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 1800	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1500	97.6	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 1200	97.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000	98.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 900	98.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	98.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 600	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	98.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

8411

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

28021
STATION

REESE AFB TX

STATION NAME

7-70, 73-76

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	73.6	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 20000	78.1	78.8	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 18000	78.1	78.9	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 16000	78.1	78.9	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 14000	78.9	79.6	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 12000	81.7	82.5	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 10000	85.3	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 9000	85.8	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	86.5	87.5	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 7000	86.9	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	87.4	88.4	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 5000	88.4	89.5	89.8	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 4500	88.8	89.9	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 4000	89.8	91.0	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	90.4	91.8	92.1	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	91.2	92.6	92.9	93.1	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500	91.9	93.4	93.7	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 2000	92.6	94.2	94.4	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1800	92.9	94.5	94.8	94.9	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1500	93.2	95.0	95.3	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
≥ 1200	93.7	95.6	96.0	96.1	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1000	94.1	96.2	96.6	96.8	96.9	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 900	94.2	96.5	96.9	97.1	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
≥ 800	94.4	96.9	97.4	97.7	97.9	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700	94.7	97.2	97.7	98.0	98.2	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	94.9	97.5	98.1	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	95.1	97.8	98.5	98.9	99.2	99.2	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 400	95.1	97.8	98.6	99.0	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	95.2	97.9	98.6	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	95.2	97.9	98.6	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	95.2	97.9	98.6	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	95.2	97.9	98.6	99.1	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

3615

GLOBAL CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 73-76

ALC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	75.3	73.8	78.5	76.8	78.6	77.3	77.8	73.8	73.8	72.8	70.0	77.3	75.0	77.8	78.1	78.1
≥ 20000	85.1	85.6	85.0	85.6	85.0	85.6	74.6	85.6	85.6	85.6	85.0	85.6	85.0	85.6	85.0	85.6
≥ 18000	85.1	85.6	85.0	85.6	85.6	85.6	85.0	85.6	85.6	85.6	85.0	85.6	85.0	85.6	85.0	85.6
≥ 16000	85.1	85.6	85.0	85.6	85.6	85.6	85.0	85.6	85.6	85.6	85.0	85.6	85.0	85.6	85.0	85.6
≥ 14000	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 12000	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 10000	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 9000	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 8000	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 7000	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
≥ 6000	89.4	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 5000	90.9	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4500	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 4000	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 3500	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	93.7	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	95.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1500	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1000	97.0	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 900	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

397

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/ IAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-70, 73-78

YEARS

DATE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-1500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0	≥0
NO CEILING	75.7	77.1	77.2	77.4	77.4	77.4	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 20000	78.3	79.7	79.9	80.1	80.1	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 18000	78.3	79.7	79.9	80.1	80.1	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	78.3	79.7	79.9	80.1	80.1	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000	78.3	79.7	79.9	80.1	80.1	80.1	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 12000	80.4	81.9	81.9	82.1	82.1	82.1	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 10000	84.6	86.3	86.5	86.7	86.7	86.7	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000	84.9	86.7	86.8	87.0	87.0	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 8000	85.7	87.4	87.6	87.8	87.8	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 7000	86.0	87.8	87.9	88.1	88.1	88.1	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 6000	87.3	89.0	89.2	89.3	89.3	89.3	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	88.5	90.3	90.4	90.6	90.6	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	89.2	90.9	91.1	91.2	91.2	91.2	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	90.4	92.2	92.3	92.5	92.5	92.5	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 3500	90.4	92.3	92.6	92.8	92.8	92.8	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	90.9	92.8	93.2	93.4	93.6	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	90.9	92.8	93.2	93.4	93.6	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	91.1	92.9	93.4	93.6	93.7	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800	91.1	92.9	93.4	93.6	93.7	93.7	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500	91.8	93.7	94.2	94.3	94.5	94.5	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	92.3	94.2	94.7	94.8	95.0	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	93.1	95.0	95.4	95.6	95.8	95.8	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	93.2	95.1	95.6	95.8	95.9	95.9	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	94.0	95.9	96.4	96.5	96.7	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 700	94.2	96.1	96.5	96.7	97.0	97.0	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 600	94.7	96.5	97.0	97.2	97.5	97.5	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500	94.8	96.7	97.2	97.3	97.6	97.6	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 400	95.3	97.2	97.6	97.8	98.1	98.1	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	95.4	97.3	98.0	98.1	98.4	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200	95.4	97.3	98.0	98.1	98.4	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	95.4	97.3	98.0	98.1	98.4	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	95.4	97.3	98.0	98.1	98.4	98.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

437

USAF ETAC

FORM 501-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF-ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

7876, 73-78

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800
MORNING

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	67.8	74.0	70.9	71.8	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
≥ 20000	69.9	72.4	73.2	74.1	74.5	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 18000	69.9	72.4	73.2	74.1	74.5	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 16000	69.9	72.4	73.2	74.1	74.5	74.5	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0
≥ 14000	70.0	72.5	73.3	74.3	74.6	74.6	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
≥ 12000	73.1	75.9	76.9	77.9	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
≥ 10000	78.7	81.9	83.1	84.4	84.8	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3
≥ 9000	79.3	82.5	83.8	85.1	85.5	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
≥ 8000	80.1	83.5	84.8	86.3	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
≥ 7000	80.6	84.0	85.3	86.7	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.7
≥ 6000	81.4	85.1	86.4	87.8	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7
≥ 5000	82.3	86.1	87.5	89.0	89.4	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
≥ 4500	83.1	87.1	88.5	89.9	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.8
≥ 4000	83.5	87.9	89.2	90.5	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7
≥ 3500	83.8	88.1	89.5	91.0	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.8
≥ 3000	84.0	88.4	89.8	91.3	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.5
≥ 2500	84.1	88.5	90.0	91.5	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
≥ 2000	84.4	88.7	90.2	91.9	92.5	92.5	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1
≥ 1800	84.5	88.8	90.3	92.1	92.7	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
≥ 1500	85.0	89.5	91.2	92.9	93.5	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1
≥ 1200	85.7	90.4	92.0	93.8	94.4	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
≥ 1000	86.1	91.1	92.7	94.6	95.2	95.2	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9
≥ 900	86.6	91.5	93.2	95.1	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
≥ 800	87.0	92.0	93.7	95.5	96.1	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7
≥ 700	87.4	92.5	94.2	96.1	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
≥ 600	87.7	92.9	94.7	96.7	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1
≥ 500	87.7	92.9	94.7	96.7	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1
≥ 400	87.7	92.9	94.7	96.7	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.1
≥ 300	87.9	93.4	95.4	97.4	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 200	87.9	93.4	95.4	97.4	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 100	87.9	93.4	95.4	97.4	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
≥ 0	87.9	93.4	95.4	97.4	98.0	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6

TOTAL NUMBER OF OBSERVATIONS

831

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAF

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

7-73, 73-74

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥3/16	≥0
NO CEILING	66.3	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
≥ 20000	69.5	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
≥ 18000	69.7	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 16000	69.7	72.3	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 14000	70.0	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000	74.1	76.5	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000	80.1	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 9000	80.5	84.9	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	81.2	85.6	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 7000	82.2	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 6000	82.4	86.8	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 5000	82.6	87.2	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 4500	82.7	87.3	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000	82.9	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 3500	83.1	87.7	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	83.7	88.4	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 2500	84.2	88.9	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2000	85.7	90.6	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1800	85.8	91.0	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500	88.0	93.5	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200	89.0	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1000	89.7	96.2	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 900	90.1	96.8	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 800	90.1	97.2	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 700	90.3	97.3	98.0	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 600	90.6	98.3	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 500	90.6	98.3	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	90.8	98.4	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	90.8	98.4	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	90.8	98.4	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	90.8	98.4	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	90.8	98.4	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

930

USAF ETAC FORM 1-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7-70, 73-76
YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	72.4	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
≥ 20000	77.4	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 18000	77.5	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 16000	77.6	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 14000	77.8	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	81.5	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 10000	85.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 9000	86.0	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 8000	86.5	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 7000	87.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 6000	87.6	89.9	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	88.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 4500	88.7	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4000	89.8	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 3500	90.3	93.0	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 3000	91.9	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
≥ 2500	92.7	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 2000	94.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1800	94.6	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1500	94.9	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	95.1	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 1000	95.1	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 900	95.2	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 800	95.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 700	95.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 600	95.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	95.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	95.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	95.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	95.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	95.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	95.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS:

731

USAF ETAC

FORM 04

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/PA

CEILING VERSUS VISIBILITY

28021 REESE AFB TX STATION NAME

7-70, 73-74 YEARS

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700 HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	70.3	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 20000	83.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 18000	83.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 16000	83.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 14000	84.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 12000	86.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 10000	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 9000	90.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 8000	90.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 7000	90.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 6000	91.5	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 5000	93.0	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 4500	93.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 4000	94.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 3500	96.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 3000	96.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 2500	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 2000	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1800	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1500	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1200	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 1000	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 700	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 600	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 400	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 200	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 100	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 0	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

857

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 73-78

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1000-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.16	≥0
NO CEILING	80.0	60.3	80.3	60.4	80.4	60.4	80.4	60.4	80.4	60.4	80.4	60.4	80.4	60.4	80.4
≥ 20000	88.0	68.3	88.3	68.4	88.4	68.4	88.4	68.4	88.4	68.4	88.4	68.4	88.4	68.4	88.4
≥ 18000	88.0	68.3	88.3	68.4	88.4	68.4	88.4	68.4	88.4	68.4	88.4	68.4	88.4	68.4	88.4
≥ 16000	88.0	68.3	88.3	68.4	88.4	68.4	88.4	68.4	88.4	68.4	88.4	68.4	88.4	68.4	88.4
≥ 14000	89.3	69.6	89.6	69.7	89.7	69.7	89.7	69.7	89.7	69.7	89.7	69.7	89.7	69.7	89.7
≥ 12000	91.2	71.5	91.5	71.6	91.6	71.6	91.6	71.6	91.6	71.6	91.6	71.6	91.6	71.6	91.6
≥ 10000	94.2	74.6	94.6	74.7	94.7	74.7	94.7	74.7	94.7	74.7	94.7	74.7	94.7	74.7	94.7
≥ 9000	94.7	75.1	95.1	75.3	95.3	75.3	95.3	75.3	95.3	75.3	95.3	75.3	95.3	75.3	95.3
≥ 8000	94.7	75.2	95.3	75.4	95.4	75.4	95.4	75.4	95.4	75.4	95.4	75.4	95.4	75.4	95.4
≥ 7000	94.7	75.3	95.3	75.4	95.4	75.4	95.4	75.4	95.4	75.4	95.4	75.4	95.4	75.4	95.4
≥ 6000	95.1	75.7	95.7	75.8	95.8	75.8	95.8	75.8	95.8	75.8	95.8	75.8	95.8	75.8	95.8
≥ 5000	96.1	76.9	96.9	76.9	96.9	76.9	96.9	76.9	96.9	76.9	96.9	76.9	96.9	76.9	96.9
≥ 4500	97.0	78.1	98.1	78.2	98.2	78.2	98.2	78.2	98.2	78.2	98.2	78.2	98.2	78.2	98.2
≥ 4000	97.0	78.1	98.1	78.2	98.2	78.2	98.2	78.2	98.2	78.2	98.2	78.2	98.2	78.2	98.2
≥ 3500	97.4	78.7	98.7	78.8	98.8	78.8	98.8	78.8	98.8	78.8	98.8	78.8	98.8	78.8	98.8
≥ 3000	97.6	78.9	98.9	79.1	99.1	79.2	99.2	79.2	99.2	79.2	99.2	79.2	99.2	79.2	99.2
≥ 2500	98.0	79.3	99.3	79.5	99.5	79.6	99.6	79.6	99.6	79.6	99.6	79.6	99.6	79.6	99.6
≥ 2000	98.1	79.5	99.5	79.6	99.7	79.7	99.7	79.7	99.7	79.7	99.7	79.7	99.7	79.7	99.7
≥ 1800	98.1	79.5	99.5	79.6	99.7	79.7	99.7	79.7	99.7	79.7	99.7	79.7	99.7	79.7	99.7
≥ 1500	98.2	79.6	99.6	79.7	99.9	79.9	99.9	79.9	99.9	79.9	99.9	79.9	99.9	79.9	99.9
≥ 1200	98.2	79.6	99.6	79.7	99.9	79.9	99.9	79.9	99.9	79.9	99.9	79.9	99.9	79.9	99.9
≥ 1000	98.2	79.6	99.6	79.7	99.9	79.9	99.9	79.9	99.9	79.9	99.9	79.9	99.9	79.9	99.9
≥ 900	98.2	79.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	98.2	79.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	98.2	79.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	98.2	79.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	98.2	79.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	98.2	79.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	98.2	79.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	98.2	79.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	98.2	79.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	98.2	79.7	99.7	79.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

741

USAF ETAC

FORM
1 JUL 64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-7, 73-78

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥0.05	≥0
NO CEILING	81.2	51.9	41.9	31.9	21.9	11.9	8.9	6.9	5.9	4.9	3.9	2.9	1.9	0.9	0.9	0.9
≥ 20000	88.0	68.0	58.0	48.0	38.0	28.0	18.0	8.0	6.0	5.0	4.0	3.0	2.0	1.0	0.9	0.9
≥ 18000	88.0	68.0	58.0	48.0	38.0	28.0	18.0	8.0	6.0	5.0	4.0	3.0	2.0	1.0	0.9	0.9
≥ 16000	88.0	68.0	58.0	48.0	38.0	28.0	18.0	8.0	6.0	5.0	4.0	3.0	2.0	1.0	0.9	0.9
≥ 14000	89.5	69.2	59.2	49.2	39.2	29.2	19.2	9.2	7.2	6.2	5.2	4.2	3.2	2.2	1.2	1.2
≥ 12000	91.2	72.4	62.4	52.4	42.4	32.4	22.4	12.4	10.4	9.4	8.4	7.4	6.4	5.4	4.4	3.4
≥ 10000	94.0	75.6	65.6	55.6	45.6	35.6	25.6	15.6	13.6	12.6	11.6	10.6	9.6	8.6	7.6	6.6
≥ 9000	94.0	75.6	65.6	55.6	45.6	35.6	25.6	15.6	13.6	12.6	11.6	10.6	9.6	8.6	7.6	6.6
≥ 8000	94.4	76.0	66.0	56.0	46.0	36.0	26.0	16.0	14.0	13.0	12.0	11.0	10.0	9.0	8.0	7.0
≥ 7000	94.4	76.0	66.0	56.0	46.0	36.0	26.0	16.0	14.0	13.0	12.0	11.0	10.0	9.0	8.0	7.0
≥ 6000	94.4	76.0	66.0	56.0	46.0	36.0	26.0	16.0	14.0	13.0	12.0	11.0	10.0	9.0	8.0	7.0
≥ 5000	95.6	77.4	67.4	57.4	47.4	37.4	27.4	17.4	15.4	14.4	13.4	12.4	11.4	10.4	9.4	8.4
≥ 4500	96.3	78.4	68.4	58.4	48.4	38.4	28.4	18.4	16.4	15.4	14.4	13.4	12.4	11.4	10.4	9.4
≥ 4000	96.5	78.6	68.6	58.6	48.6	38.6	28.6	18.6	16.6	15.6	14.6	13.6	12.6	11.6	10.6	9.6
≥ 3500	96.5	78.6	68.6	58.6	48.6	38.6	28.6	18.6	16.6	15.6	14.6	13.6	12.6	11.6	10.6	9.6
≥ 3000	96.5	78.6	68.6	58.6	48.6	38.6	28.6	18.6	16.6	15.6	14.6	13.6	12.6	11.6	10.6	9.6
≥ 2500	96.7	78.8	68.8	58.8	48.8	38.8	28.8	18.8	16.8	15.8	14.8	13.8	12.8	11.8	10.8	9.8
≥ 2000	96.8	78.9	68.9	58.9	48.9	38.9	28.9	18.9	16.9	15.9	14.9	13.9	12.9	11.9	10.9	9.9
≥ 1800	96.8	78.9	68.9	58.9	48.9	38.9	28.9	18.9	16.9	15.9	14.9	13.9	12.9	11.9	10.9	9.9
≥ 1500	96.8	78.9	68.9	58.9	48.9	38.9	28.9	18.9	16.9	15.9	14.9	13.9	12.9	11.9	10.9	9.9
≥ 1200	96.8	78.9	68.9	58.9	48.9	38.9	28.9	18.9	16.9	15.9	14.9	13.9	12.9	11.9	10.9	9.9
≥ 1000	97.4	79.5	69.5	59.5	49.5	39.5	29.5	19.5	17.5	16.5	15.5	14.5	13.5	12.5	11.5	10.5
≥ 900	97.4	79.5	69.5	59.5	49.5	39.5	29.5	19.5	17.5	16.5	15.5	14.5	13.5	12.5	11.5	10.5
≥ 800	97.4	79.5	69.5	59.5	49.5	39.5	29.5	19.5	17.5	16.5	15.5	14.5	13.5	12.5	11.5	10.5
≥ 700	97.4	79.5	69.5	59.5	49.5	39.5	29.5	19.5	17.5	16.5	15.5	14.5	13.5	12.5	11.5	10.5
≥ 600	97.7	79.8	69.8	59.8	49.8	39.8	29.8	19.8	17.8	16.8	15.8	14.8	13.8	12.8	11.8	10.8
≥ 500	97.7	79.8	69.8	59.8	49.8	39.8	29.8	19.8	17.8	16.8	15.8	14.8	13.8	12.8	11.8	10.8
≥ 400	97.7	79.8	69.8	59.8	49.8	39.8	29.8	19.8	17.8	16.8	15.8	14.8	13.8	12.8	11.8	10.8
≥ 300	97.7	79.8	69.8	59.8	49.8	39.8	29.8	19.8	17.8	16.8	15.8	14.8	13.8	12.8	11.8	10.8
≥ 200	97.7	79.8	69.8	59.8	49.8	39.8	29.8	19.8	17.8	16.8	15.8	14.8	13.8	12.8	11.8	10.8
≥ 100	97.7	79.8	69.8	59.8	49.8	39.8	29.8	19.8	17.8	16.8	15.8	14.8	13.8	12.8	11.8	10.8
≥ 0	97.7	79.8	69.8	59.8	49.8	39.8	29.8	19.8	17.8	16.8	15.8	14.8	13.8	12.8	11.8	10.8

TOTAL NUMBER OF OBSERVATIONS.

562

GLOBAL CLIMATOLOGY SECTION
USAFETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021

ReESE AFB TX

7-73, 73-75

AUG

STATION

STATION NAME

STARS

4.1

HOURLY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	73.9	75.4	75.5	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 20000	73.9	80.4	80.6	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 18000	79.0	80.4	80.7	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
≥ 16000	79.0	80.5	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 14000	79.6	81.1	81.3	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
≥ 12000	82.2	83.9	84.1	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 10000	86.4	89.4	88.7	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 9000	86.8	89.9	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 8000	87.2	89.4	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	87.6	89.9	90.2	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 6000	88.2	90.4	90.6	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 5000	89.1	91.5	91.9	92.1	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 4500	89.6	92.3	92.6	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 4000	90.4	92.9	93.3	93.5	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
≥ 3500	90.6	93.5	93.9	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 3000	91.3	94.0	94.4	94.7	94.8	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2500	91.7	94.5	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 2000	92.3	95.2	95.6	95.9	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1800	92.4	95.3	95.6	96.1	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 1500	93.0	96.1	96.5	96.9	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
≥ 1200	93.4	96.6	97.1	97.4	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 1000	93.7	97.1	97.6	97.9	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900	93.9	97.4	97.8	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 800	94.1	97.7	98.2	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 700	94.2	97.9	98.4	98.8	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 600	94.4	98.1	98.6	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500	94.4	98.1	98.7	99.0	99.2	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	94.5	98.2	98.8	99.1	99.3	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 300	94.5	98.3	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	94.5	98.3	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	94.5	98.3	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	94.5	98.3	98.9	99.2	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

5942

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY DATA
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

75-7

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32
NO CEILING ≥ 20000	70.8 73.9	71.7 74.7	71.9 75.0	71.9 75.0	72.2 75.3	72.2 75.3	72.2 75.3	72.2 75.3	72.2 75.3	72.2 75.3	72.2 75.3	72.2 75.3	72.2 75.3	72.2 75.3	72.2 75.3	72.2 75.3
≥ 18000 ≥ 16000	73.9 73.9	74.7 74.7	75.0 75.0	75.0 75.0	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3	75.3 75.3
≥ 14000 ≥ 12000	73.9 76.9	74.7 77.1	75.0 78.2	75.0 78.2	75.3 76.9	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1	75.3 77.1
≥ 10000 ≥ 9000	80.8 80.8	81.9 81.9	82.2 82.2	82.2 82.2	82.5 82.5	82.5 82.5	82.5 82.5	82.5 82.5	82.5 82.5	82.5 82.5	82.5 82.5	82.5 82.5	82.5 82.5	82.5 82.5	82.5 82.5	82.5 82.5
≥ 8000 ≥ 7000	81.4 81.7	82.8 83.1	83.1 83.3	83.6 83.9	83.9 84.2	84.2 84.2	84.2 84.2	84.2 84.2	84.2 84.2	84.2 84.2	84.2 84.2	84.2 84.2	84.2 84.2	84.2 84.2	84.2 84.2	84.2 84.2
≥ 6000 ≥ 5000	81.7 82.8	82.1 85.3	83.3 85.8	83.9 86.4	84.2 86.7	84.2 86.7	84.2 86.7	84.2 86.7	84.2 86.7	84.2 86.7	84.2 86.7	84.2 86.7	84.2 86.7	84.2 86.7	84.2 86.7	84.2 86.7
≥ 4500 ≥ 4000	83.6 83.6	86.1 86.1	86.7 86.7	87.2 87.2	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5
≥ 3500 ≥ 3000	83.9 85.6	86.4 87.1	86.9 86.9	87.2 87.2	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5	87.5 87.5
≥ 2500 ≥ 2000	85.3 86.9	88.6 89.7	89.2 90.3	89.7 90.8	90.0 91.1	90.3 91.4	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7	90.6 91.7
≥ 1800 ≥ 1500	86.9 86.9	90.0 90.3	90.6 90.8	91.1 91.4	91.4 91.7	91.7 91.9	91.9 92.2	91.9 92.2	91.9 92.2	91.9 92.2	91.9 92.2	91.9 92.2	91.9 92.2	91.9 92.2	91.9 92.2	91.9 92.2
≥ 1200 ≥ 1000	87.2 88.3	90.6 91.7	91.1 92.2	91.7 92.8	91.9 93.1	92.2 93.3	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6	92.5 93.6
≥ 900 ≥ 800	88.3 90.3	91.7 93.6	92.2 94.7	92.8 95.3	93.1 95.6	93.3 95.8	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1	93.6 96.1
≥ 700 ≥ 600	91.1 91.7	94.4 95.3	95.8 96.7	96.4 97.2	96.7 97.5	96.9 97.8	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1	97.2 98.1
≥ 500 ≥ 400	91.7 91.9	95.6 96.1	96.9 97.5	97.5 98.1	97.8 98.3	98.1 98.6	98.3 98.9	98.3 98.9	98.3 98.9	98.3 98.9	98.3 98.9	98.3 98.9	98.3 98.9	98.3 98.9	98.3 98.9	98.3 98.9
≥ 300 ≥ 200	91.9 91.9	96.7 96.7	98.1 98.1	98.6 98.6	98.9 98.9	99.2 99.2	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4
≥ 100 ≥ 0	91.9 91.9	96.7 96.7	98.1 98.1	98.6 98.6	98.9 98.9	99.2 99.2	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4	99.4 99.4

TOTAL NUMBER OF OBSERVATIONS

26

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7-70, 73-76

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥1/2	≥0
NO CEILING	63.8	66.6	67.0	67.3	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	68.0	68.0
≥ 20000	65.2	68.0	68.4	68.8	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 18000	65.2	68.0	68.4	68.8	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 16000	65.2	68.0	68.4	68.8	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4
≥ 14000	65.9	68.6	69.1	69.4	69.7	69.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	70.1	70.1
≥ 12000	67.5	70.4	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.9	71.9
≥ 10000	68.8	72.0	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.6	73.6
≥ 9000	68.9	72.2	72.8	73.1	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.8	73.8
≥ 8000	69.9	73.5	74.1	74.5	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.2	75.2
≥ 7000	71.4	75.1	75.7	76.2	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.9	76.9
≥ 6000	73.1	77.0	77.7	78.2	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.8	78.8
≥ 5000	74.4	78.5	79.1	79.6	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.3	80.3
≥ 4500	75.2	79.4	79.9	80.4	80.7	80.7	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	81.1	81.1
≥ 4000	75.4	79.4	80.1	80.6	80.9	80.9	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.2	81.2
≥ 3500	76.5	80.5	81.2	81.7	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.4	82.4
≥ 3000	78.0	82.0	82.7	83.2	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.8	83.8
≥ 2500	78.6	82.5	83.5	84.0	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	85.0	85.0
≥ 2000	79.0	83.5	84.1	84.6	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.6	85.6
≥ 1800	79.1	83.7	84.3	84.7	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.8	85.8
≥ 1600	79.3	83.8	84.5	85.0	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.9	85.9
≥ 1400	80.6	85.3	85.9	86.4	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.4	87.4
≥ 1200	81.1	85.9	86.7	87.2	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.2	88.2
≥ 1000	81.7	86.6	87.4	87.9	88.5	88.5	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.8	88.8
≥ 900	83.3	88.2	89.0	89.5	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.5	90.5
≥ 800	84.6	89.6	90.5	90.9	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.4	92.4
≥ 700	85.4	90.5	91.6	92.1	93.2	93.2	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.7	93.7
≥ 600	86.7	92.4	93.5	94.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.6	95.6
≥ 500	87.2	93.5	94.7	95.6	96.6	96.6	96.6	96.6	96.6	97.1	97.1	97.1	97.1	97.1	97.4	97.4
≥ 400	87.5	94.2	95.6	96.6	97.7	97.7	97.7	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.2	98.2
≥ 300	87.5	94.3	95.8	96.8	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 200	87.5	94.3	95.8	96.8	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 100	87.5	94.3	95.8	96.8	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5
≥ 0	87.5	94.3	95.8	96.8	98.1	98.1	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS

618

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-71, 73-78

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

03000000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2	≥ .15	≥ 0
NO CEILING	50.1	55.2	57.4	58.2	59.2	59.9	60.3	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.7
≥ 20000	51.9	57.2	59.3	60.1	61.1	61.5	61.8	62.2	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.7
≥ 18000	51.9	57.2	59.3	60.1	61.1	61.5	61.8	62.2	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.7
≥ 16000	51.9	57.2	59.3	60.1	61.1	61.5	61.8	62.2	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.7
≥ 14000	52.6	57.9	60.0	60.8	61.8	62.5	63.0	63.5	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.4
≥ 12000	53.6	59.4	61.5	62.3	63.2	64.0	64.5	65.0	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.9
≥ 10000	55.6	61.9	64.2	64.9	65.9	66.7	67.2	67.7	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.7
≥ 9000	55.7	61.9	64.2	65.1	66.1	66.8	67.3	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.7
≥ 8000	56.7	62.2	65.5	66.2	67.4	68.2	68.7	69.2	69.3	69.5	69.7	69.7	69.7	69.7	69.7	70.3
≥ 7000	57.7	64.3	66.7	67.4	68.7	69.5	70.0	70.7	70.7	70.7	70.9	71.0	71.0	71.0	71.0	71.7
≥ 6000	58.7	65.4	67.9	68.8	70.0	70.9	71.4	72.0	72.0	72.3	72.4	72.4	72.4	72.4	72.4	73.0
≥ 5000	60.0	66.8	69.3	70.2	71.4	72.3	72.8	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	74.4
≥ 4500	60.5	67.2	69.6	70.7	71.9	72.9	73.4	74.2	74.2	74.4	74.5	74.5	74.5	74.5	74.5	75.2
≥ 4000	61.2	67.9	70.5	71.4	72.7	73.7	74.2	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.9
≥ 3500	61.9	68.7	71.3	72.3	73.5	74.5	75.0	75.8	75.8	76.0	76.2	76.2	76.2	76.2	76.2	76.9
≥ 3000	62.3	69.2	71.8	72.8	74.0	75.0	75.5	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	77.5
≥ 2500	63.7	70.7	73.3	74.3	75.5	76.5	77.0	78.0	78.0	78.3	78.4	78.4	78.4	78.4	78.4	79.2
≥ 2000	64.4	71.5	74.3	75.5	77.0	78.3	79.3	79.8	79.8	80.0	80.1	80.1	80.1	80.1	80.1	80.7
≥ 1800	64.5	71.6	74.5	75.8	77.3	78.5	79.5	80.0	80.0	80.3	80.4	80.4	80.4	80.4	80.4	81.1
≥ 1500	65.3	72.5	75.4	76.7	78.2	79.4	80.4	81.0	81.0	81.3	81.4	81.4	81.4	81.4	81.4	82.1
≥ 1200	66.7	74.0	77.0	78.4	79.9	81.1	81.6	82.8	82.8	83.0	83.1	83.1	83.1	83.1	83.1	83.9
≥ 1000	67.9	75.4	78.5	80.0	81.5	82.8	83.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	85.5
≥ 900	68.3	76.7	79.8	81.3	82.8	84.0	84.5	85.5	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.9
≥ 800	69.7	77.9	80.9	82.5	84.1	85.5	86.0	87.4	87.5	87.8	87.9	87.9	87.9	87.9	87.9	88.7
≥ 700	70.2	79.4	81.5	83.3	85.3	86.6	87.4	88.8	88.9	89.1	89.3	89.3	89.3	89.3	89.3	90.0
≥ 600	70.4	79.3	82.5	84.4	86.5	87.9	88.6	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	91.5
≥ 500	70.9	80.4	83.8	85.6	87.8	89.3	90.5	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	93.5
≥ 400	71.0	80.6	84.1	86.1	88.4	90.0	91.9	93.6	93.9	94.1	94.2	94.2	94.2	94.2	94.2	95.1
≥ 300	71.2	80.8	84.5	86.8	89.5	91.4	93.6	95.5	95.9	96.3	96.6	96.6	96.6	96.6	96.6	97.5
≥ 200	71.2	80.8	84.5	86.9	89.4	91.5	93.8	95.1	96.5	97.3	97.3	97.3	97.3	97.3	97.3	98.1
≥ 100	71.2	80.8	84.5	86.9	89.4	91.5	93.8	95.1	96.5	97.3	97.3	97.3	97.3	97.3	97.3	98.1
≥ 0	71.2	80.8	84.5	86.9	89.4	91.5	93.8	95.1	96.5	97.3	97.3	97.3	97.3	97.3	97.3	98.1

TOTAL NUMBER OF OBSERVATIONS

901

USAF ETAC 0-14-5 (OI, A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-7-73-76

SFP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥1/16	≥0
NO CEILING	55.0	54.5	58.8	58.9	58.8	57.8	57.8	58.8	58.8	57.8	58.8	54.8	58.8	58.8	58.8	58.8
≥ 20000	57.9	61.1	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
≥ 18000	58.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 16000	58.1	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
≥ 14000	58.6	61.9	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
≥ 12000	60.1	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 10000	61.1	64.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 9000	61.6	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
≥ 8000	62.7	66.5	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 7000	63.5	67.7	68.1	68.1	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
≥ 6000	64.1	68.4	68.9	68.9	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
≥ 5000	64.4	68.8	69.4	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 4500	65.2	69.7	70.4	70.4	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 4000	65.5	70.2	71.0	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
≥ 3500	65.5	70.4	71.2	71.2	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 3000	66.2	71.3	72.3	72.3	72.6	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 2500	68.0	73.7	74.7	74.7	75.1	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 2000	70.6	77.2	78.3	78.3	78.8	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 1800	71.6	78.4	79.5	79.5	80.0	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 1500	73.7	81.9	83.3	83.3	84.0	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1200	75.5	84.7	86.3	86.4	87.1	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 1000	76.7	86.9	88.6	88.9	89.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	77.4	88.2	89.9	90.3	91.0	91.4	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 800	77.6	89.7	90.5	91.3	92.1	92.7	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 700	77.7	89.8	91.3	92.2	93.0	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	78.8	91.5	92.7	93.7	94.0	95.5	95.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 500	78.9	90.7	93.1	94.2	95.3	96.3	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	79.1	91.1	93.6	94.9	96.3	97.4	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	79.2	91.2	93.7	95.0	96.5	98.0	98.9	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	79.2	91.2	93.7	95.0	96.5	98.0	98.1	99.3	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7
≥ 100	79.2	91.2	93.7	95.0	96.5	98.0	98.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	79.2	91.2	93.7	95.0	96.5	98.0	98.2	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

R85

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

67-70, 73-76

YEARS

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥4	≥0
NO CEILING	60.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 20000	66.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 18000	66.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 16000	66.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
≥ 14000	67.5	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000	68.5	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
≥ 10000	70.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000	70.4	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 8000	71.3	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 7000	71.9	73.4	73.4	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
≥ 6000	72.4	74.0	74.0	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 5000	72.7	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 4500	73.1	75.2	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
≥ 4000	74.0	75.5	75.7	75.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 3500	75.3	78.1	78.3	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 3000	76.6	79.8	80.1	80.2	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 2500	80.2	83.6	84.1	84.2	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 2000	83.1	85.8	87.2	87.5	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 1800	84.1	87.9	88.4	88.6	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1500	86.3	90.0	91.3	91.5	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 1200	87.1	92.4	93.0	93.2	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1000	87.5	92.3	93.9	94.1	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 900	87.5	93.4	94.1	94.5	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	87.5	93.7	94.5	95.0	95.9	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
≥ 700	87.7	94.2	95.1	96.2	97.2	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	87.9	94.6	95.5	96.7	98.1	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
≥ 500	87.9	94.8	95.6	97.3	98.8	99.2	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	87.9	94.8	95.8	97.4	99.0	99.4	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	87.9	94.8	95.9	97.5	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	87.9	94.8	95.9	97.5	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	87.9	94.8	95.9	97.5	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	87.9	94.8	95.9	97.5	99.1	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

885

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/4AC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

7-70, 73-78

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
≥ 20000	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
> 18000	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 16000	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 14000	74.4	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 12000	75.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 10000	78.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 9000	78.9	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 8000	79.7	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 7000	80.5	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 6000	81.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 5000	81.6	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 4500	82.2	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	82.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 3500	84.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	86.5	88.9	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	87.9	90.4	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000	89.0	92.2	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800	89.4	92.5	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
≥ 1500	90.4	93.8	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1200	90.9	94.5	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	91.3	95.3	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 900	91.4	95.5	96.0	96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 800	91.6	95.9	96.5	96.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	92.1	96.6	97.3	97.4	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 600	92.1	96.9	97.6	97.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 500	92.1	97.0	97.8	98.0	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
≥ 400	92.1	97.0	97.8	98.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 300	92.1	97.0	97.8	98.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 200	92.1	97.0	97.8	98.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 100	92.1	97.0	97.8	98.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 0	92.1	97.0	97.8	98.0	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

858

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REFSE AFR TX

7-70, 73-78

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 20000	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 18000	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 16000	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 14000	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 12000	80.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 10000	84.1	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 9000	84.6	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 8000	85.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 7000	85.6	86.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000	86.3	87.3	87.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 5000	86.8	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 4500	87.2	88.2	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 4000	88.2	89.2	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 3500	88.8	89.8	89.8	90.0	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	89.8	91.2	91.2	91.9	92.0	92.0	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5
≥ 2500	91.9	92.6	92.6	94.3	94.6	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	92.2	94.0	94.3	94.7	94.9	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	92.2	94.0	94.3	94.7	94.9	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1500	92.2	94.0	94.3	94.7	94.9	94.9	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1200	92.3	94.5	94.9	95.3	95.4	95.4	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000	92.9	95.0	95.4	96.0	96.2	96.2	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 900	92.9	95.0	95.6	96.2	96.6	96.6	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	93.2	95.4	96.0	96.7	97.2	97.2	97.3	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 700	93.3	95.6	96.3	97.0	97.4	97.4	97.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	93.3	95.6	96.6	97.4	98.0	98.0	98.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 500	93.6	96.0	96.9	97.9	98.4	98.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 400	93.6	96.0	96.9	97.9	98.4	98.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	93.6	96.0	96.9	97.9	98.4	98.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 200	93.6	96.0	96.9	97.9	98.4	98.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	93.6	96.0	96.9	97.9	98.4	98.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 0	93.6	96.0	96.9	97.9	98.4	98.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS

703

USAF ETAC FORM 0-14.5 (DL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE DATA BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 73-76

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300
HOURS TST

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ .	≥ 0
NO CEILING	74.7	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7
≥ 20000	78.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8
≥ 18000	76.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8
≥ 16000	78.7	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8
≥ 14000	80.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0	81.0
≥ 12000	81.6	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.6	82.6	82.6
≥ 10000	84.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6
≥ 9000	84.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8
≥ 8000	84.6	86.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.6	86.6	86.6
≥ 7000	84.8	86.2	86.2	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.8	86.8
≥ 6000	85.4	86.8	86.8	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.4	87.4
≥ 5000	86.6	88.3	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.5	89.5	89.5
≥ 4500	87.0	88.7	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9
≥ 4000	88.3	89.9	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.1	91.1	91.1
≥ 3500	88.9	90.5	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7
≥ 3000	89.7	91.3	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.5	92.5	92.5
≥ 2500	90.7	92.3	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.5	93.5	93.5
≥ 2000	91.3	92.9	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1
≥ 1800	91.9	93.5	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.7	94.7	94.7
≥ 1500	92.1	93.7	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9
≥ 1200	92.5	94.1	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3
≥ 1000	93.1	94.7	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2
≥ 900	93.1	94.9	95.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4
≥ 800	93.5	95.2	96.0	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	97.0	97.0	97.0
≥ 700	93.7	95.7	96.4	97.0	97.0	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.8	97.8	97.8
≥ 600	94.5	96.6	97.2	97.8	97.8	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6
≥ 500	94.7	97.2	97.8	98.4	98.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2
≥ 400	95.1	97.6	98.2	98.8	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6
≥ 300	95.3	97.8	98.4	99.0	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 200	95.3	97.8	98.4	99.0	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 100	95.3	97.8	98.4	99.0	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0
≥ 0	95.3	97.8	98.4	99.0	99.0	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

494

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-73, 73-78

YEARS

SEP

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/8	≥5-16	≥0
NO CEILING	62.5	64.4	64.8	65.0	65.2	65.3	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.6
≥ 20000	67.0	69.2	69.4	69.4	69.4	69.9	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2
≥ 18000	67.0	69.1	69.5	69.6	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.3
≥ 16000	67.0	69.1	69.5	69.6	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.3
≥ 14000	67.7	69.8	70.3	70.4	70.6	70.7	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0
≥ 12000	69.3	71.6	72.1	72.2	72.4	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.9
≥ 10000	71.5	74.1	74.6	74.7	74.8	75.0	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.4
≥ 9000	71.7	74.4	74.9	75.1	75.2	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7
≥ 8000	72.5	75.4	75.9	76.2	76.4	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8	76.9
≥ 7000	73.3	76.2	76.7	77.0	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.8
≥ 6000	74.0	77.0	77.5	77.8	78.1	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.7
≥ 5000	74.8	77.9	78.5	78.8	79.1	79.2	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.6
≥ 4500	75.4	78.5	79.2	79.5	79.8	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.4
≥ 4000	76.0	79.3	80.0	80.3	80.7	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.3
≥ 3500	76.8	80.2	80.9	81.3	81.6	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.3
≥ 3000	78.0	81.5	82.4	82.7	83.1	83.4	83.5	83.6	83.6	83.7	83.7	83.7	83.7	83.8	83.8	83.9
≥ 2500	79.7	83.5	84.4	84.7	85.2	85.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	86.0
≥ 2000	81.0	85.2	86.1	86.5	87.0	87.3	87.4	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.8
≥ 1800	81.5	85.7	86.7	87.0	87.5	87.8	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.3	88.3	88.4
≥ 1500	82.5	87.1	88.1	88.5	89.0	89.3	89.5	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.9
≥ 1200	83.4	88.4	89.5	89.9	90.5	90.7	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.3	91.3	91.4
≥ 1000	84.1	89.5	90.6	91.1	91.7	92.0	92.1	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.6
≥ 900	84.4	90.0	91.1	91.7	92.3	92.6	92.8	93.0	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.3
≥ 800	85.0	90.7	92.0	92.5	93.4	93.8	94.0	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.6
≥ 700	85.4	91.4	92.7	93.5	94.4	94.8	95.2	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.8
≥ 600	85.8	92.0	93.4	94.3	95.4	95.9	96.3	96.6	96.6	96.7	96.8	96.8	96.9	96.9	96.9	97.0
≥ 500	86.1	92.6	94.1	95.1	96.1	96.7	97.2	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.9
≥ 400	86.3	92.9	94.4	95.5	96.7	97.3	97.9	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.7
≥ 300	86.4	93.0	94.7	95.8	97.1	97.8	98.5	98.9	99.0	99.2	99.3	99.3	99.4	99.4	99.4	99.5
≥ 200	86.4	93.0	94.7	95.8	97.1	97.8	98.6	99.1	99.2	99.4	99.5	99.5	99.7	99.7	99.7	99.9
≥ 100	86.4	93.0	94.7	95.8	97.1	97.8	98.7	99.1	99.2	99.4	99.6	99.6	99.7	99.8	99.8	99.9
≥ 0	86.4	93.0	94.7	95.8	97.1	97.8	98.7	99.1	99.2	99.4	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

5604

USAF ETAC

FORM 12, 64

0-1455 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

75-78

YEARS

JCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 20000	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 18000	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 16000	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 14000	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 12000	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 10000	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 6000	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 5000	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4500	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 4000	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3500	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2500	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2000	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1800	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 1500	92.2	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1200	93.0	93.8	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1000	93.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 900	93.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 800	94.4	95.7	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	94.6	96.0	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 600	95.2	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	95.2	96.5	96.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	95.7	97.0	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	95.7	97.0	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	95.7	97.0	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	95.7	97.0	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 0	95.7	97.0	97.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

372

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

67-75, 73-78

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/16	≥ 1/8	≥ 0
NO CEILING	72.5	73.6	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.3	74.3	74.9
≥ 20000	74.8	75.9	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	77.2
≥ 18000	74.8	75.9	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	77.2
≥ 16000	74.8	75.9	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	77.2
≥ 14000	74.8	75.9	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	77.2
≥ 12000	74.8	75.9	76.0	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	77.2
≥ 10000	76.7	77.8	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	79.1
≥ 9000	76.7	77.8	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	79.1
≥ 8000	77.3	78.4	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.7
≥ 7000	77.3	78.4	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.7
≥ 6000	78.0	79.1	79.2	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.7	80.4
≥ 5000	78.2	79.4	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.7
≥ 4500	79.1	80.2	80.4	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	81.5
≥ 4000	80.5	81.6	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.9
≥ 3500	81.3	82.4	82.6	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.4	83.4	84.0
≥ 3000	81.6	82.7	82.9	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.9	83.9	84.5
≥ 2500	82.6	83.7	83.9	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8	85.5
≥ 2000	83.5	84.7	85.1	85.4	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.7
≥ 1800	83.9	85.0	85.5	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	87.1
≥ 1500	85.0	86.4	86.9	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	88.5
≥ 1200	85.9	88.0	88.5	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	90.3
≥ 1000	87.2	89.8	90.4	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	92.2
≥ 900	88.2	90.7	91.4	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	93.1
≥ 800	88.8	91.7	92.5	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	94.4
≥ 700	89.3	92.3	93.1	93.9	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	95.2
≥ 600	89.6	92.7	93.5	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.8	94.8	95.5
≥ 500	89.9	93.0	93.9	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	96.0
≥ 400	89.9	93.1	94.1	95.0	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.8
≥ 300	90.1	93.3	94.2	95.4	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	97.1
≥ 200	90.1	93.3	94.2	95.4	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	97.1
≥ 100	90.1	93.3	94.2	95.4	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	97.1
≥ 0	90.1	93.3	94.2	95.4	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	97.1

TOTAL NUMBER OF OBSERVATIONS

626

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

67-70, 73-78

JCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 16	≥ 1	≥ 0
NO CEILING	63.2	67.5	68.4	69.0	69.4	69.4	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.3	70.6
≥ 20000	65.3	69.7	70.5	71.1	71.6	71.6	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.9
≥ 18000	65.3	69.7	70.5	71.1	71.6	71.6	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.9
≥ 16000	65.3	69.7	70.5	71.1	71.6	71.6	72.0	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.4	72.9
≥ 14000	65.5	69.9	70.7	71.3	71.8	71.8	72.3	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.6	73.1
≥ 12000	66.0	70.5	71.4	72.0	72.5	72.5	73.0	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.5	73.9
≥ 10000	67.8	72.5	73.5	74.1	74.5	74.5	75.0	75.2	75.2	75.4	75.4	75.4	75.4	75.4	75.5	75.9
≥ 9000	68.0	72.7	73.7	74.3	74.8	74.8	75.2	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	76.2
≥ 8000	69.1	73.0	75.0	75.6	76.3	76.3	76.8	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.3	77.7
≥ 7000	69.2	74.1	75.1	75.7	76.4	76.4	76.9	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.4	77.8
≥ 6000	69.7	74.5	75.6	76.2	76.9	76.9	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.8	78.3
≥ 5000	70.4	75.4	76.4	77.0	77.7	77.7	78.2	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.7	79.1
≥ 4500	70.9	75.8	76.9	77.5	78.2	78.2	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.6
≥ 4000	71.3	76.4	77.5	78.1	78.8	78.8	79.3	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.7	80.2
≥ 3500	71.9	77.0	78.1	78.7	79.4	79.4	79.9	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.8
≥ 3000	73.3	78.7	79.7	80.3	81.0	81.0	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1	82.6
≥ 2500	73.6	79.0	80.2	80.9	81.6	81.6	82.2	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.7	83.2
≥ 2000	74.3	79.9	81.0	81.9	82.7	82.7	83.3	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.9	84.4
≥ 1800	74.5	80.3	81.5	82.3	83.2	83.3	83.9	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.5	85.0
≥ 1500	75.1	80.9	82.1	83.1	83.9	84.0	84.6	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.2	85.7
≥ 1200	75.1	82.5	83.6	84.7	85.5	85.7	86.3	86.5	86.5	86.7	86.7	86.7	86.7	86.7	86.8	87.3
≥ 1000	76.8	84.0	85.3	86.5	87.3	87.6	88.2	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.7	89.2
≥ 900	77.6	85.4	86.8	88.0	89.1	89.3	89.9	90.2	90.2	90.4	90.4	90.5	90.5	90.5	90.6	91.1
≥ 800	78.2	86.4	87.8	89.1	90.2	90.5	91.1	91.5	91.5	91.8	91.8	91.9	91.9	91.9	92.1	92.5
≥ 700	78.8	87.7	89.2	90.5	91.6	92.1	92.7	93.1	93.1	93.5	93.5	93.6	93.6	93.6	93.7	94.2
≥ 600	79.0	87.8	89.6	90.9	92.1	92.5	93.4	94.0	94.0	94.3	94.3	94.4	94.4	94.4	94.5	95.0
≥ 500	79.1	88.2	90.0	91.4	92.5	93.4	94.3	94.9	94.9	95.3	95.3	95.4	95.4	95.4	95.5	96.0
≥ 400	79.3	88.3	90.2	91.7	93.0	94.0	94.9	95.6	95.9	96.3	96.3	96.4	96.4	96.4	96.6	97.0
≥ 300	79.3	88.3	90.3	91.8	93.1	94.1	95.1	95.9	96.1	96.8	96.8	96.9	97.4	97.4	97.6	98.1
≥ 200	79.3	88.3	90.3	91.8	93.2	94.2	95.3	96.2	96.4	97.3	97.5	97.6	98.1	98.1	98.3	98.8
≥ 100	79.3	88.3	90.3	91.8	93.2	94.2	95.3	96.2	96.4	97.3	97.7	97.9	98.5	98.5	98.9	99.5
≥ 0	79.3	88.3	90.3	91.8	93.2	94.2	95.3	96.2	96.4	97.3	97.7	97.9	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

844

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-70, 73-78

YEARS

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING > 20000	67.3	70.1	70.2	70.4	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 18000	70.0	73.1	73.2	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
≥ 16000	70.1	73.2	73.3	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 14000	70.1	73.2	73.3	73.4	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 12000	70.6	73.6	73.7	73.9	73.9	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000	71.4	74.6	74.7	74.8	74.9	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 9000	73.7	77.4	77.6	77.8	77.8	77.9	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 8000	73.9	77.5	77.7	77.9	77.9	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 7000	74.8	78.4	78.7	79.0	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 6000	74.8	78.4	78.7	79.0	79.0	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 5000	75.3	78.9	79.1	79.4	79.4	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4500	75.4	79.1	79.3	79.6	79.6	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 4000	76.6	80.5	80.7	81.1	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 3500	77.1	81.2	81.5	81.8	81.8	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 3000	77.9	82.1	82.4	82.7	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 2500	78.3	82.5	82.9	83.3	83.3	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
≥ 2000	79.5	83.5	84.4	84.8	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1800	79.5	83.9	84.4	84.8	84.8	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1500	80.9	85.3	85.9	86.4	86.4	86.5	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 1200	81.5	86.8	87.3	87.9	87.9	88.0	88.2	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1000	81.8	87.2	87.9	88.9	89.5	89.6	89.8	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 900	81.9	87.6	88.7	90.6	90.6	90.7	91.0	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 800	82.2	88.5	90.7	91.7	92.0	92.2	92.6	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
≥ 700	82.2	89.9	91.2	92.3	92.7	93.0	93.4	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 600	82.2	90.5	92.0	93.1	93.8	94.1	94.6	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 500	82.3	90.9	92.6	93.8	94.5	95.0	95.6	96.7	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 400	82.3	91.0	93.0	94.2	95.0	95.6	96.3	97.3	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 300	82.3	91.0	93.1	94.3	95.1	95.8	96.6	98.2	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200	82.3	91.0	93.1	94.3	95.1	95.8	96.6	98.2	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	82.3	91.0	93.1	94.3	95.1	95.8	96.6	98.2	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3
≥ 0	82.3	91.0	93.1	94.3	95.1	95.8	96.6	98.2	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

914

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/HAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-78

YEARS

OCT

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	≥5/16	≥1/8
NO CEILING	73.7	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
≥ 20000	77.9	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 18000	78.0	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 16000	78.0	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 14000	78.6	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 12000	79.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
≥ 10000	80.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
≥ 8000	80.8	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 7000	81.9	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 6000	82.5	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000	82.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 4500	83.3	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 4000	83.4	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3500	83.7	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 3000	84.7	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2500	85.1	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 2000	86.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800	87.4	89.8	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1500	87.5	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1200	87.7	90.3	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 1000	88.6	91.7	92.0	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 900	88.6	92.4	92.7	92.8	93.0	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
≥ 800	88.8	93.2	93.7	93.8	94.0	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 700	89.1	94.1	94.9	95.2	95.8	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 600	89.1	94.3	95.2	95.8	96.3	96.5	96.8	96.9	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6
≥ 500	89.1	94.7	95.6	96.2	96.7	96.9	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 400	89.1	95.0	96.3	96.9	97.6	97.8	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	89.1	95.0	96.4	97.1	97.8	98.0	98.7	98.8	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	89.1	95.0	96.4	97.1	97.8	98.0	98.7	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7
≥ 100	89.1	95.0	96.4	97.1	97.8	98.0	98.7	98.8	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	89.1	95.0	96.4	97.1	97.8	98.0	98.7	98.8	98.9	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

918

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-70, 73-78

YEARS

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	74.7	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
≥ 20000	80.0	80.2	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 18000	80.1	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 16000	80.1	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 14000	80.8	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 12000	82.1	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 10000	83.3	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 9000	83.3	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 8000	84.2	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	84.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 6000	85.1	85.9	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 5000	85.2	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
≥ 4500	85.8	86.6	86.6	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 4000	86.3	87.2	87.2	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3500	87.4	88.4	88.4	88.6	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 3000	83.0	89.2	89.2	89.4	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500	88.8	90.4	90.4	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 2000	89.6	91.4	91.4	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1800	90.0	92.0	92.0	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	90.4	92.8	92.9	93.1	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
≥ 1200	91.1	93.6	93.7	93.9	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1000	91.6	94.8	95.0	95.4	95.6	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 900	91.8	95.3	95.6	96.0	96.3	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	91.9	95.8	96.2	96.6	96.8	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 700	92.2	96.3	96.6	97.1	97.3	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600	92.3	96.4	96.7	97.4	97.6	97.9	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	92.3	96.7	97.1	97.7	98.1	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400	92.3	96.8	97.2	97.9	98.2	98.5	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 300	92.3	97.0	97.3	98.0	98.3	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	92.3	97.0	97.3	98.0	98.3	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	92.3	97.0	97.3	98.0	98.3	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	92.3	97.0	97.3	98.0	98.3	98.6	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

886

USAF ETAC

FORM

0-14-5 (OL A) - PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

67-70, 73-78

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥0.25	≥0.15	≥0.10
NO CEILING	79.1	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 20000	83.2	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 18000	83.2	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
≥ 16000	83.5	84.2	84.2	84.3	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 14000	83.9	84.6	84.6	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
≥ 12000	86.1	86.7	86.7	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
≥ 10000	87.5	88.2	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 9000	87.5	88.2	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 8000	87.5	88.2	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 7000	88.1	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 6000	88.7	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 5000	89.5	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500	89.7	90.5	90.5	90.6	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4000	89.8	90.9	90.9	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 3500	90.3	91.4	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 3000	90.6	92.0	92.0	92.1	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 2500	91.4	92.9	92.9	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	92.0	93.6	93.6	93.7	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	92.4	94.1	94.1	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
≥ 1500	92.8	94.9	94.9	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	93.2	95.7	95.7	95.8	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1000	93.4	96.1	96.1	96.2	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 900	93.8	96.6	96.6	96.9	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
≥ 800	93.8	96.8	96.8	97.2	97.2	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700	94.1	97.1	97.2	97.6	97.6	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 600	94.1	97.1	97.3	97.7	97.7	98.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
≥ 500	94.1	97.3	97.6	98.0	98.0	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400	94.1	97.6	97.9	98.3	98.3	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 300	94.2	97.7	98.1	98.7	98.7	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
≥ 200	94.2	97.7	98.1	98.7	98.7	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.2	97.7	98.1	98.7	98.7	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.2	97.7	98.1	98.7	98.7	98.9	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

746

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

67-70, 73-78

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

-2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 20000	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 18000	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 16000	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 14000	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 12000	87.1	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 10000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 9000	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 8000	89.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 7000	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 6000	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	90.4	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 4500	90.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 4000	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3500	91.6	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 3000	92.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 2500	93.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 2000	94.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1800	94.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1500	95.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 1200	95.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000	95.6	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	96.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 800	96.0	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
≥ 700	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	96.2	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	96.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400	96.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 300	96.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 200	96.6	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100	96.6	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 0	96.6	98.8	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

498

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 73-78

UCT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥⅓	≥⅒	≥0
NO CEILING	73.1	74.6	74.8	74.9	75.0	75.0	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.4
≥ 20000	76.5	78.1	78.3	78.4	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.9	78.9
≥ 18000	76.6	78.1	78.3	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9	78.9
≥ 16000	76.6	78.2	78.3	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.9	79.0
≥ 14000	77.0	78.5	78.7	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.3	79.4
≥ 12000	77.9	79.5	79.7	79.9	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.4
≥ 10000	79.5	81.3	81.5	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.1	82.2
≥ 9000	79.6	81.4	81.6	81.8	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.3
≥ 8000	80.3	82.2	82.4	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.1	83.1
≥ 7000	80.6	82.5	82.7	82.9	83.0	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.4	83.5
≥ 6000	81.1	83.0	83.2	83.4	83.6	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.9	84.0
≥ 5000	81.5	83.5	83.7	83.9	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.4	84.5
≥ 4500	81.8	83.8	84.0	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.7	84.8
≥ 4000	82.5	84.5	84.8	85.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.5	85.5
≥ 3500	83.2	85.3	85.6	85.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.4	86.4
≥ 3000	83.9	86.1	86.4	86.7	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.3
≥ 2500	84.7	87.2	87.5	87.7	87.9	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.3	88.4
≥ 2000	85.5	88.2	88.5	88.8	89.0	89.0	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4	89.5
≥ 1800	85.8	88.5	88.8	89.1	89.3	89.3	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.8	89.9
≥ 1500	86.5	89.4	89.7	90.1	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.8	90.9
≥ 1200	87.2	90.6	90.9	91.4	91.5	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.2
≥ 1000	87.7	91.7	92.1	92.6	92.8	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.5	93.5
≥ 900	88.0	92.4	92.9	93.5	93.7	93.8	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.5	94.5
≥ 800	88.4	93.0	93.7	94.3	94.7	94.8	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.6	95.7
≥ 700	88.6	93.5	94.2	94.9	95.3	95.5	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.4	96.5
≥ 600	88.7	93.8	94.6	95.3	95.8	96.0	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.9	97.0	97.1
≥ 500	88.8	94.1	95.0	95.8	96.3	96.5	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.8	97.9	97.9
≥ 400	88.9	94.2	95.3	96.1	96.7	97.1	97.6	98.1	98.2	98.4	98.4	98.4	98.4	98.5	98.6	98.7
≥ 300	88.9	94.3	95.3	96.3	96.8	97.2	97.9	98.4	98.5	98.8	98.8	98.8	98.8	99.1	99.1	99.3
≥ 200	88.9	94.3	95.4	96.3	96.9	97.3	98.0	98.6	98.7	99.1	99.2	99.2	99.2	99.4	99.4	99.7
≥ 100	88.9	94.3	95.4	96.3	96.9	97.3	98.0	98.6	98.7	99.1	99.2	99.3	99.3	99.5	99.5	99.9
≥ 0	88.9	94.3	95.4	96.3	96.9	97.3	98.0	98.6	98.7	99.1	99.3	99.3	99.3	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

5804

USAF ETAC 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

73.75-78

YEAR

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

-0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	70.1	71.2	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	73.7
≥ 20000	73.4	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	77.0
≥ 18000	73.4	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	77.0
≥ 16000	73.4	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	77.0
≥ 14000	73.4	74.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	77.0
≥ 12000	73.7	74.8	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	77.3
≥ 10000	77.6	78.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	81.2
≥ 9000	77.6	78.7	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	81.2
≥ 8000	80.1	81.2	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	83.7
≥ 7000	80.3	81.4	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	83.9
≥ 6000	80.3	81.4	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	83.9
≥ 5000	80.6	81.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	84.2
≥ 4500	82.3	83.4	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	85.9
≥ 4000	82.8	83.9	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	86.4
≥ 3500	83.4	84.5	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	87.0
≥ 3000	83.7	84.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	88.1
≥ 2500	84.2	85.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	88.9
≥ 2000	86.1	87.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	90.9
≥ 1800	86.4	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	91.1
≥ 1500	87.5	88.9	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	92.2
≥ 1200	87.8	89.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	92.5
≥ 1000	87.8	89.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	92.5
≥ 900	87.8	89.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	92.5
≥ 800	88.1	89.5	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	92.8
≥ 700	88.4	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	93.4
≥ 600	88.4	89.8	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	93.4
≥ 500	88.4	90.0	90.9	91.4	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	94.7
≥ 400	88.6	90.3	91.1	91.7	92.2	92.2	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	95.8
≥ 300	88.6	90.6	91.4	92.2	92.8	92.8	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	97.8
≥ 200	88.6	90.6	91.4	92.2	92.8	92.8	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	99.2
≥ 100	88.6	90.6	91.4	92.2	92.8	92.8	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	99.2
≥ 0	88.6	90.6	91.4	92.2	92.8	92.8	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS

361

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-78

YEARS

NUV
WORK

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500
WINTER

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	68.8	70.4	71.2	71.4	71.6	71.6	71.6	71.6	71.8	72.0	72.0	72.0	72.0	72.0	72.4	72.4
≥ 20000	72.0	73.6	74.4	74.6	74.8	74.8	74.8	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.7	75.7
≥ 18000	72.0	73.6	74.4	74.6	74.8	74.8	74.8	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.7	75.7
≥ 16000	72.0	73.6	74.4	74.6	74.8	74.8	74.8	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.7	75.7
≥ 14000	72.0	73.6	74.4	74.6	74.8	74.8	74.8	74.8	75.1	75.3	75.3	75.3	75.3	75.3	75.7	75.7
≥ 12000	72.4	74.0	74.8	75.1	75.3	75.3	75.3	75.3	75.5	75.7	75.7	75.7	75.7	75.7	76.1	76.1
≥ 10000	75.1	76.7	77.5	77.7	77.9	77.9	77.9	77.9	78.1	78.3	78.3	78.3	78.3	78.3	78.7	78.7
≥ 9000	75.3	76.9	77.7	77.9	78.1	78.1	78.1	78.1	78.3	78.5	78.5	78.5	78.5	78.5	78.9	78.9
≥ 8000	77.1	78.7	79.5	79.7	79.9	79.9	79.9	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.7	80.7
≥ 7000	77.3	78.9	79.7	79.9	80.1	80.1	80.1	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.9	80.9
≥ 6000	77.3	78.9	79.7	79.9	80.1	80.1	80.1	80.1	80.3	80.5	80.5	80.5	80.5	80.5	80.9	80.9
≥ 5000	78.3	79.9	80.7	80.9	81.1	81.1	81.1	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.9	81.9
≥ 4500	78.7	80.3	81.1	81.3	81.5	81.5	81.5	81.5	81.7	81.9	81.9	81.9	81.9	81.9	82.4	82.4
≥ 4000	79.1	80.7	81.5	81.7	81.9	81.9	81.9	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.8	82.8
≥ 3500	79.1	80.7	81.7	81.9	82.2	82.2	82.2	82.2	82.4	82.6	82.6	82.6	82.6	82.6	83.0	83.0
≥ 3000	79.9	81.9	83.0	83.2	83.4	83.4	83.4	83.4	83.6	84.2	84.2	84.2	84.2	84.2	84.6	84.6
≥ 2500	80.7	82.8	83.8	84.0	84.2	84.2	84.2	84.2	84.4	85.0	85.0	85.0	85.0	85.2	85.6	85.6
≥ 2000	82.6	84.6	85.6	85.8	86.2	86.2	86.2	86.2	86.4	87.0	87.0	87.0	87.0	87.2	87.6	87.6
≥ 1800	83.2	85.2	86.2	86.4	86.6	86.6	86.6	86.6	87.0	87.6	87.6	87.6	87.6	87.8	88.2	88.2
≥ 1500	83.4	85.4	86.4	86.6	87.0	87.0	87.0	87.0	87.2	87.8	87.8	87.8	87.8	88.0	88.4	88.4
≥ 1200	83.8	86.0	87.0	87.2	87.6	87.6	87.6	87.6	87.8	88.4	88.4	88.4	88.4	88.6	89.0	89.0
≥ 1000	84.4	86.6	87.6	87.8	88.2	88.2	88.2	88.2	88.4	89.0	89.0	89.0	89.0	89.2	89.7	89.7
≥ 900	84.6	86.8	87.8	88.2	88.6	88.6	88.6	88.6	88.8	89.5	89.5	89.5	89.5	89.7	90.1	90.1
≥ 800	85.2	87.6	88.8	89.2	89.7	89.7	89.7	89.7	89.9	90.1	90.7	90.7	90.7	90.9	91.3	91.3
≥ 700	85.2	87.6	88.8	89.2	89.7	89.7	89.7	89.7	89.9	90.1	90.7	90.7	90.7	90.9	91.3	91.3
≥ 600	85.4	87.8	89.0	89.5	89.9	89.9	89.9	89.9	90.1	90.3	90.9	90.9	90.9	91.1	91.5	91.5
≥ 500	85.6	88.0	89.2	89.7	90.3	90.3	90.3	90.3	91.1	91.3	91.9	91.9	91.9	92.1	92.5	92.5
≥ 400	86.0	88.6	90.1	90.7	91.7	91.7	91.7	91.7	92.3	92.9	93.1	93.9	93.9	94.1	94.5	94.5
≥ 300	86.0	88.6	90.3	90.9	92.1	92.3	92.9	93.5	93.9	94.5	95.1	95.1	95.1	95.3	95.7	96.1
≥ 200	86.0	88.6	90.3	90.9	92.1	92.5	93.1	93.9	94.5	95.7	95.7	95.7	95.7	96.2	97.0	97.6
≥ 100	86.0	88.6	90.3	90.9	92.1	92.5	93.1	93.9	94.5	95.7	95.7	95.7	95.7	96.6	97.2	97.8
≥ 0	86.0	88.6	90.3	90.9	92.1	92.5	93.1	93.9	94.5	95.7	95.7	95.7	95.7	97.0	97.6	98.2

TOTAL NUMBER OF OBSERVATIONS

493

USAF ETAC 13-64 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

67-70,73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥9	≥8	≥7	≥6	≥5	≥4	≥3	≥2	≥1	≥0.5	≥0.25	≥0.1	≥0.05	≥0.025	≥0.01
NO CEILING	63.0	66.2	66.3	66.5	66.8	67.0	67.0	67.2	67.3	67.6	67.6	67.6	67.7	67.7	67.7	67.8
≥ 20000	65.4	65.6	68.8	69.1	69.3	69.6	69.6	69.7	69.9	70.1	70.1	70.1	70.2	70.2	70.2	70.4
≥ 18000	65.5	68.7	69.0	69.3	69.6	69.9	69.9	70.0	70.1	70.4	70.4	70.4	70.5	70.5	70.5	70.6
≥ 16000	65.8	69.0	69.2	69.4	69.9	70.1	70.1	70.2	70.4	70.6	70.6	70.6	70.8	70.8	70.8	70.9
≥ 14000	66.2	69.3	69.6	70.0	70.2	70.5	70.5	70.6	70.8	71.0	71.0	71.0	71.1	71.1	71.1	71.3
≥ 12000	66.8	70.1	70.4	70.8	71.0	71.3	71.3	71.4	71.5	71.8	71.8	71.8	71.9	71.9	71.9	72.0
≥ 10000	68.7	72.2	72.4	72.8	73.1	73.3	73.3	73.4	73.6	73.8	73.8	73.8	73.9	73.9	73.9	74.1
≥ 9000	68.7	72.2	72.4	72.8	73.1	73.3	73.3	73.4	73.6	73.8	73.8	73.8	73.9	73.9	73.9	74.1
≥ 8000	70.2	74.1	74.3	74.7	75.2	75.5	75.5	75.6	75.7	76.0	76.0	76.0	76.1	76.1	76.1	76.2
≥ 7000	70.5	74.5	74.7	75.1	75.6	75.9	75.9	76.0	76.1	76.4	76.4	76.4	76.5	76.5	76.5	76.6
≥ 6000	71.1	75.1	75.4	75.7	76.2	76.5	76.5	76.6	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.3
≥ 5000	72.8	76.8	77.0	77.4	77.9	78.2	78.2	78.3	78.4	78.7	78.7	78.7	78.8	78.8	78.8	78.9
≥ 4500	73.3	77.4	77.7	78.0	78.5	78.8	78.8	78.9	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.6
≥ 4000	73.8	77.9	78.2	78.5	79.1	79.3	79.3	79.4	79.6	79.8	79.8	79.8	79.9	79.9	79.9	80.1
≥ 3500	75.6	79.7	80.1	80.5	81.0	81.2	81.2	81.4	81.5	81.7	81.7	81.7	81.9	81.9	81.9	82.0
≥ 3000	76.1	80.7	81.1	81.5	82.0	82.2	82.2	82.4	82.5	82.8	82.8	82.8	82.9	82.9	82.9	83.0
≥ 2500	77.3	81.9	82.2	82.8	83.3	83.5	83.5	83.7	83.8	84.0	84.0	84.0	84.2	84.2	84.2	84.3
≥ 2000	77.5	82.1	82.5	83.0	83.5	83.8	83.8	83.9	84.0	84.3	84.3	84.3	84.4	84.4	84.4	84.5
≥ 1800	78.2	82.9	83.3	83.8	84.3	84.5	84.5	84.7	84.8	85.1	85.1	85.1	85.2	85.2	85.2	85.3
≥ 1500	78.4	83.4	83.8	84.3	84.8	85.1	85.1	85.2	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.8
≥ 1200	79.3	84.4	84.9	85.4	86.0	86.2	86.2	86.3	86.5	86.7	86.8	86.8	87.2	87.2	87.2	87.4
≥ 1000	79.6	85.2	85.7	86.2	86.7	87.0	87.0	87.1	87.2	87.5	87.6	87.6	88.0	88.0	88.0	88.1
≥ 900	79.9	85.6	86.2	86.7	87.4	87.7	87.7	87.9	88.0	88.3	88.4	88.4	88.8	88.8	88.8	88.9
≥ 800	80.3	86.1	86.8	87.4	88.0	88.4	88.4	88.5	88.6	89.0	89.1	89.1	89.5	89.5	89.5	89.7
≥ 700	80.3	86.1	86.8	87.4	88.0	88.4	88.4	88.5	88.6	88.8	89.1	89.3	89.7	89.7	89.7	89.8
≥ 600	80.5	86.2	87.6	88.3	88.9	89.3	89.4	89.5	89.7	90.0	90.2	90.2	90.5	90.5	90.5	90.7
≥ 500	80.7	86.5	87.9	88.5	89.4	89.9	90.2	90.4	90.5	90.9	91.2	91.2	91.6	91.6	91.7	91.8
≥ 400	80.8	87.0	88.5	89.5	90.5	91.2	91.7	92.0	92.1	92.7	93.0	93.0	93.4	93.4	93.5	93.6
≥ 300	80.8	87.1	88.6	89.7	91.1	91.8	92.5	93.0	93.4	95.3	95.8	95.8	96.2	96.2	96.4	96.6
≥ 200	80.8	87.1	88.6	89.8	91.2	92.1	92.7	93.4	94.0	96.2	96.8	96.9	97.6	97.6	98.3	98.6
≥ 100	80.8	87.1	88.6	89.8	91.2	92.1	92.7	93.4	94.0	96.2	96.8	96.9	97.6	97.6	98.6	99.2
≥ 0	80.8	87.1	88.6	89.8	91.2	92.1	92.7	93.4	94.0	96.2	97.1	97.2	97.8	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS

783

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	¾	¾	≥0
NO CEILING	62.8	64.5	64.6	64.8	65.0	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 20000	66.7	68.8	69.0	69.3	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 18000	66.7	68.8	69.0	69.5	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
≥ 16000	67.2	69.3	69.6	70.0	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
≥ 14000	67.7	69.8	70.0	70.5	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 12000	68.4	70.5	70.7	71.2	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 10000	69.8	72.0	72.2	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
≥ 9000	70.0	72.2	72.5	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
≥ 8000	72.2	74.5	74.8	75.4	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 7000	73.4	75.7	76.0	76.5	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 6000	74.2	76.7	76.9	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
≥ 5000	74.7	77.5	77.7	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
≥ 4000	75.3	78.3	78.5	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
≥ 3000	75.4	78.4	78.6	79.2	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 2500	76.8	79.9	80.1	80.7	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 2000	77.4	80.5	80.7	81.3	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 1800	77.8	81.1	81.3	82.1	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 1600	79.0	82.5	82.7	83.5	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
≥ 1400	79.4	82.9	83.2	84.0	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 1200	80.5	84.1	84.3	85.1	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 1000	81.1	85.5	85.8	86.6	87.7	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 900	81.6	86.8	87.1	88.0	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 800	81.9	87.3	87.7	88.6	89.7	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 700	82.0	87.7	88.0	89.0	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 600	82.1	87.8	88.4	89.4	90.7	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 500	82.2	87.9	88.9	90.1	91.8	92.3	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 400	82.2	88.4	89.3	91.1	93.1	94.0	94.4	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 300	82.2	88.4	89.3	91.3	93.4	94.8	95.5	95.8	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 200	82.2	88.4	89.3	91.3	93.5	95.4	96.2	96.9	97.0	97.4	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	82.2	88.4	89.3	91.3	93.7	95.6	96.4	97.3	97.4	98.0	98.7	98.7	99.1	99.1	99.3	99.4
U	82.2	88.4	89.3	91.3	93.7	95.6	96.4	97.3	97.4	98.0	98.7	98.7	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS

861

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
STATION

REESE AFB TX
STATION NAME

67-70, 73-78
YEARS

NRV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	64.5	67.1	67.4	67.7	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 20000	70.2	72.9	73.3	73.6	74.0	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 18000	70.2	72.9	73.3	73.6	74.0	74.1	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
≥ 16000	70.3	73.1	73.4	73.7	74.1	74.2	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
≥ 14000	71.2	74.0	74.3	74.7	75.0	75.1	75.2	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000	71.9	74.7	75.0	75.3	75.7	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000	74.0	76.9	77.3	77.7	78.1	78.2	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 9000	74.5	77.5	77.9	78.3	78.7	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
≥ 8000	75.6	78.9	79.2	79.7	80.0	80.1	80.3	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 7000	76.1	79.5	79.8	80.2	80.6	80.7	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
≥ 6000	77.2	80.5	80.8	81.3	81.6	81.7	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
≥ 5000	77.4	80.8	81.2	81.6	82.0	82.1	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	78.1	81.5	81.8	82.3	82.8	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000	78.5	82.0	82.4	82.9	83.3	83.4	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 3500	78.9	82.5	83.0	83.6	84.0	84.1	84.2	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3000	79.3	83.1	83.6	84.1	84.7	84.8	84.9	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500	80.9	85.0	85.6	86.4	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.6	87.6	87.7
≥ 2000	82.2	86.3	86.9	87.7	88.2	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.9
≥ 1800	82.8	86.9	87.4	88.4	88.9	89.0	89.2	89.3	89.3	89.4	89.4	89.4	89.4	89.5	89.5	89.6
≥ 1500	83.7	87.9	88.5	89.4	90.1	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.6	90.6	90.6
≥ 1200	84.7	89.2	89.7	90.8	91.4	91.6	91.7	91.8	91.8	91.9	91.9	91.9	91.9	92.0	92.0	92.1
≥ 1000	85.3	90.6	91.2	92.2	92.9	93.0	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.6	93.6	93.7
≥ 900	85.6	91.2	91.9	93.2	93.8	94.1	94.3	94.4	94.4	94.5	94.6	94.6	94.6	94.7	94.7	94.9
≥ 800	85.7	91.7	92.6	93.8	94.5	94.9	95.2	95.3	95.3	95.4	95.5	95.5	95.5	95.7	95.7	95.8
≥ 700	85.7	91.7	92.7	94.1	94.9	95.2	95.7	95.8	95.8	95.9	96.0	96.0	96.0	96.1	96.1	96.2
≥ 600	85.8	91.9	93.0	94.9	95.8	96.2	96.8	96.9	96.9	97.0	97.1	97.1	97.1	97.3	97.3	97.4
≥ 500	85.8	92.0	93.3	95.2	96.1	96.6	97.1	97.4	97.4	97.5	97.6	97.6	97.6	97.7	97.7	97.8
≥ 400	85.8	92.1	93.4	95.3	96.6	97.0	97.9	98.5	98.5	98.7	98.9	98.9	98.9	99.0	99.0	99.1
≥ 300	85.8	92.1	93.4	95.4	96.7	97.1	98.1	99.0	99.0	99.2	99.3	99.3	99.3	99.4	99.4	99.5
≥ 200	85.8	92.1	93.4	95.4	96.7	97.1	98.1	99.0	99.0	99.3	99.5	99.5	99.5	99.9	99.9	100.0
≥ 100	85.8	92.1	93.4	95.4	96.7	97.1	98.1	99.0	99.0	99.3	99.5	99.5	99.5	99.9	99.9	100.0
≥ 0	85.8	92.1	93.4	95.4	96.7	97.1	98.1	99.0	99.0	99.3	99.5	99.5	99.5	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

876

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021
(STATION)

REESE AFB TX

(STATION NAME)

67-70, 73-78

(YEARS)

NOV

(MONTH)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1500-1700
(HOURS EST)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	¾	¾	¾	≥5/16	¾	≥0
NO CEILING	68.2	70.0	70.3	70.8	71.1	71.1	71.2	71.4	71.4	71.5	71.5	71.5	71.5	71.6	71.6	71.6
≥ 20000	74.3	76.7	77.1	77.5	78.0	78.0	78.1	78.2	78.2	78.5	78.5	78.5	78.5	78.6	78.6	78.6
≥ 18000	74.5	76.9	77.3	77.8	78.2	78.2	78.3	78.5	78.5	78.7	78.7	78.7	78.7	78.8	78.8	78.8
≥ 16000	74.9	77.3	77.6	78.1	78.6	78.6	78.7	78.8	78.8	79.0	79.0	79.0	79.0	79.2	79.2	79.2
≥ 14000	75.4	77.9	78.2	78.7	79.2	79.2	79.3	79.4	79.4	79.6	79.6	79.6	79.6	79.7	79.7	79.7
≥ 12000	75.7	78.1	78.5	78.9	79.4	79.4	79.5	79.6	79.6	79.9	79.9	79.9	79.9	80.0	80.0	80.0
≥ 10000	77.1	79.6	80.1	80.6	81.0	81.0	81.1	81.3	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6
≥ 9000	77.1	79.6	80.1	80.6	81.0	81.0	81.1	81.3	81.3	81.5	81.5	81.5	81.5	81.6	81.6	81.6
≥ 8000	78.2	80.9	81.4	81.8	82.3	82.3	82.4	82.5	82.5	82.8	82.8	82.8	82.8	82.9	82.9	82.9
≥ 7000	78.7	81.4	81.8	82.3	82.8	82.8	82.9	83.0	83.0	83.2	83.2	83.2	83.2	83.4	83.4	83.4
≥ 6000	79.3	82.2	82.7	83.1	83.7	83.7	83.8	83.9	83.9	84.2	84.2	84.2	84.2	84.3	84.3	84.3
≥ 5000	80.0	82.9	83.4	83.8	84.4	84.4	84.5	84.6	84.6	84.9	84.9	84.9	84.9	85.0	85.0	85.0
≥ 4500	80.7	83.6	84.1	84.5	85.1	85.1	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.7	85.7	85.7
≥ 4000	81.0	84.1	84.5	85.0	85.6	85.6	85.7	85.8	85.8	86.0	86.0	86.0	86.0	86.1	86.1	86.1
≥ 3500	81.4	84.5	85.1	85.6	86.1	86.1	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.7	86.7	86.7
≥ 3000	82.2	85.3	86.0	86.5	87.3	87.3	87.4	87.5	87.5	87.8	87.8	87.8	87.8	87.9	88.1	88.1
≥ 2500	83.0	86.6	87.4	87.9	88.7	88.7	88.9	89.1	89.1	89.3	89.3	89.3	89.3	89.4	89.6	89.6
≥ 2000	83.8	87.7	88.6	89.2	90.0	90.0	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.7	90.9	90.9
≥ 1800	84.5	88.5	89.4	90.0	90.8	90.8	91.2	91.3	91.3	91.5	91.5	91.5	91.5	91.6	91.9	91.9
≥ 1500	85.1	89.4	90.5	91.0	91.9	91.9	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.7	92.9	92.9
≥ 1200	86.0	90.8	92.0	92.5	93.4	93.5	93.8	93.9	93.9	94.2	94.2	94.2	94.2	94.3	94.5	94.5
≥ 1000	86.3	91.2	92.3	93.0	93.8	93.9	94.4	94.8	94.8	95.0	95.0	95.0	95.0	95.1	95.3	95.3
≥ 900	86.5	91.5	93.0	93.7	94.5	94.6	95.1	95.5	95.5	95.7	95.7	95.7	95.7	95.8	96.0	96.0
≥ 800	86.6	91.6	93.1	93.8	94.6	94.8	95.3	95.7	95.7	96.0	96.0	96.0	96.0	96.2	96.5	96.5
≥ 700	86.8	92.3	93.9	94.6	95.6	95.7	96.4	96.7	96.7	97.1	97.1	97.1	97.1	97.2	97.6	97.6
≥ 600	86.8	92.3	94.2	94.9	95.8	95.9	97.0	97.3	97.3	97.7	97.7	97.7	97.7	97.8	98.1	98.1
≥ 500	86.8	92.4	94.3	95.1	96.0	96.2	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.3	98.6	98.6
≥ 400	86.8	92.4	94.3	95.1	96.0	96.2	97.3	98.3	98.3	98.6	98.6	98.6	98.6	98.7	99.1	99.1
≥ 300	86.8	92.4	94.3	95.1	96.0	96.2	97.3	98.7	98.7	99.1	99.1	99.1	99.1	99.2	99.5	99.5
≥ 200	86.8	92.4	94.3	95.1	96.0	96.2	97.3	98.8	98.8	99.2	99.2	99.2	99.2	99.3	99.7	99.7
≥ 100	86.8	92.4	94.3	95.1	96.0	96.2	97.3	98.8	98.8	99.2	99.2	99.2	99.2	99.3	100.0	100.0
≥ 0	86.8	92.4	94.3	95.1	96.0	96.2	97.3	98.8	98.8	99.2	99.2	99.2	99.2	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

859

USAF ETAC

FORM 7-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-70, 73-78

YEARS

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≤¼	≤0
NO CEILING	74.3	75.3	75.4	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
≥ 20000	79.0	80.2	80.4	80.5	80.5	80.5	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 18000	79.3	80.5	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
≥ 16000	79.7	80.9	81.1	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 14000	79.8	81.1	81.2	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 12000	80.5	81.8	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 10000	82.2	83.4	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 9000	82.2	83.4	83.6	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 8000	83.0	84.4	84.5	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 7000	83.4	84.8	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000	83.8	85.5	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 5000	83.8	85.5	85.6	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 4500	84.5	86.2	86.3	86.5	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 4000	84.9	86.9	87.0	87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
≥ 3500	84.9	87.3	87.4	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 3000	85.6	88.1	88.3	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 2500	86.3	88.8	89.0	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6
≥ 2000	86.9	89.8	90.2	90.5	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.0
≥ 1800	87.0	90.1	90.5	90.7	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
≥ 1500	87.7	90.7	91.3	91.6	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.3	92.3	92.3
≥ 1200	88.3	91.3	91.9	92.1	92.4	92.4	92.7	92.8	92.8	92.8	92.8	92.8	92.8	93.0	93.0	93.0
≥ 1000	88.7	92.0	92.5	92.8	93.1	93.2	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
≥ 900	88.8	92.1	92.7	93.0	93.5	93.6	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
≥ 800	89.2	92.5	93.1	93.4	93.9	94.1	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.9	94.9	94.9
≥ 700	89.4	92.7	93.2	93.5	94.1	94.2	94.6	94.8	94.8	94.8	94.8	94.8	94.8	95.0	95.0	95.0
≥ 600	89.8	93.1	93.6	94.1	95.0	95.2	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3
≥ 500	89.9	93.6	94.2	94.5	95.6	95.7	96.4	96.8	96.8	97.0	97.0	97.0	97.0	97.2	97.2	97.2
≥ 400	89.9	93.6	94.5	94.9	96.5	96.7	97.4	98.1	98.1	98.5	98.5	98.5	98.5	98.8	98.8	98.8
≥ 300	89.9	93.8	94.6	95.2	96.8	97.0	97.7	98.3	98.3	98.8	98.8	98.8	98.8	99.0	99.0	99.0
≥ 200	89.9	93.8	94.6	95.2	96.8	97.0	97.7	98.3	98.5	99.0	99.3	99.3	99.3	99.6	99.6	99.6
≥ 100	89.9	93.8	94.6	95.2	96.8	97.0	97.7	98.3	98.5	99.0	99.3	99.3	99.3	99.7	99.9	99.9
≥ 0	89.9	93.8	94.6	95.2	96.8	97.0	97.7	98.3	98.5	99.0	99.3	99.3	99.3	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS

724

USAF ETAC

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

67-70, 73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥.	≥0
NO CEILING	76.9	77.3	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9
≥ 20000	79.4	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.5	80.5
≥ 18000	79.8	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.9	80.9
≥ 16000	80.0	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.1	81.1
≥ 14000	80.0	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	81.1	81.1
≥ 12000	80.9	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9
≥ 10000	83.4	83.8	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.5	84.5
≥ 9000	83.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.7	84.7
≥ 8000	85.1	85.5	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.1
≥ 7000	85.3	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3
≥ 6000	85.3	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3
≥ 5000	85.7	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.8
≥ 4500	86.8	87.4	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.2	88.2
≥ 4000	87.4	88.0	88.4	88.4	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9
≥ 3500	87.6	88.2	88.7	88.7	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1
≥ 3000	87.8	88.4	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3
≥ 2500	87.8	88.4	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.3	89.3
≥ 2000	88.7	89.3	89.7	89.7	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1
≥ 1800	89.1	89.7	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.8	90.8
≥ 1500	89.5	90.1	90.6	90.6	90.6	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2
≥ 1200	89.5	90.1	90.6	90.6	90.6	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2
≥ 1000	89.9	90.8	91.4	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.8	91.8
≥ 900	89.9	91.0	91.6	91.6	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0	92.0
≥ 800	89.9	91.0	91.6	91.6	91.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.6	92.6
≥ 700	90.1	91.2	91.8	91.8	91.8	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.9	92.9
≥ 600	90.1	91.4	92.0	92.0	92.0	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	93.1	93.1
≥ 500	90.3	91.6	92.4	92.4	92.6	92.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	94.1	94.1
≥ 400	90.3	91.8	92.6	92.6	93.9	93.9	94.1	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.8	95.8
≥ 300	90.3	91.8	92.6	92.6	93.9	93.9	94.5	95.8	95.8	96.4	96.4	96.4	96.4	96.4	97.3	97.3
≥ 200	90.3	91.8	92.6	92.6	93.9	93.9	94.7	96.0	96.0	97.1	97.1	97.5	97.5	97.5	98.3	98.3
≥ 100	90.3	91.8	92.6	92.6	93.9	93.9	94.7	96.0	96.0	97.1	97.1	97.5	97.5	97.5	98.3	98.3
≥ 0	90.3	91.8	92.6	92.6	93.9	93.9	94.7	96.0	96.0	97.1	97.1	97.5	97.5	97.5	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS

476

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REUSE AFB TX

7-71, 73-78

NOV

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	67.8	69.6	69.9	70.1	70.3	70.4	70.4	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.7	70.8
≥ 20000	71.9	74.0	74.4	74.6	74.8	74.9	75.0	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.4
≥ 18000	72.1	74.1	74.5	74.8	75.0	75.1	75.1	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.5	75.6
≥ 16000	72.4	74.4	74.8	75.1	75.3	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.8
≥ 14000	72.7	74.8	75.2	75.4	75.7	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.1	76.1	76.1	76.2
≥ 12000	73.3	75.4	75.7	76.0	76.2	76.3	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.7	76.7	76.8
≥ 10000	75.3	77.5	77.8	78.2	78.4	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.8	78.8	78.9	78.9
≥ 9000	75.5	77.6	78.0	78.3	78.6	78.6	78.7	78.7	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.1
≥ 8000	77.0	79.3	79.7	80.0	80.2	80.3	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.7	80.7	80.8
≥ 7000	77.5	79.8	80.2	80.5	80.8	80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3
≥ 6000	78.0	80.4	80.8	81.1	81.4	81.5	81.5	81.6	81.6	81.7	81.7	81.8	81.8	81.9	81.9	82.0
≥ 5000	78.6	81.1	81.5	81.8	82.1	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.6	82.6
≥ 4500	79.3	81.9	82.3	82.6	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.5
≥ 4000	79.7	82.3	82.8	83.1	83.4	83.5	83.6	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	84.0
≥ 3500	80.4	83.1	83.6	83.9	84.3	84.4	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.8	84.8	84.9
≥ 3000	80.9	83.5	84.0	84.3	84.7	85.2	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.6	85.7	85.8
≥ 2500	81.8	84.8	85.3	85.8	86.3	86.3	86.4	86.5	86.5	86.7	86.7	86.7	86.8	86.9	87.0	87.1
≥ 2000	82.8	86.0	86.5	87.0	87.5	87.6	87.7	87.8	87.8	87.9	88.0	88.0	88.1	88.1	88.2	88.3
≥ 1800	83.3	86.5	87.1	87.5	88.1	88.2	88.3	88.4	88.4	88.6	88.6	88.6	88.7	88.8	88.8	88.9
≥ 1500	83.9	87.3	87.9	88.4	89.0	89.0	89.2	89.3	89.3	89.5	89.5	89.5	89.6	89.7	89.7	89.8
≥ 1200	84.6	87.2	88.9	89.4	90.0	90.1	90.2	90.3	90.4	90.5	90.6	90.6	90.7	90.8	90.8	90.9
≥ 1000	85.0	89.0	89.7	90.3	90.8	90.9	91.1	91.3	91.3	91.5	91.5	91.5	91.7	91.7	91.8	91.9
≥ 900	85.2	89.4	90.2	90.8	91.4	91.5	91.7	91.9	91.9	92.0	92.1	92.1	92.3	92.3	92.4	92.5
≥ 800	85.4	89.8	90.6	91.2	91.8	92.0	92.3	92.4	92.5	92.6	92.7	92.7	92.9	93.0	93.1	93.2
≥ 700	85.6	90.0	90.9	91.5	92.2	92.4	92.7	92.9	93.0	93.1	93.2	93.2	93.4	93.5	93.6	93.7
≥ 600	85.7	90.1	91.2	92.0	92.8	93.1	93.6	93.7	93.8	94.0	94.1	94.1	94.3	94.3	94.4	94.5
≥ 500	85.8	90.4	91.6	92.5	93.5	93.8	94.3	94.7	94.7	95.0	95.1	95.1	95.3	95.3	95.5	95.5
≥ 400	85.8	90.6	91.8	92.9	94.1	94.6	95.3	95.8	95.9	96.3	96.4	96.4	96.7	96.7	96.9	97.0
≥ 300	85.8	90.6	91.9	93.0	94.4	94.9	95.7	96.5	96.7	97.3	97.6	97.6	97.9	97.9	98.1	98.3
≥ 200	85.8	90.6	91.9	93.0	94.4	95.0	95.8	96.8	96.9	97.8	98.2	98.2	98.7	98.7	99.1	99.3
≥ 100	85.6	90.6	91.9	93.0	94.4	95.0	95.8	96.8	96.9	97.8	98.2	98.2	98.7	98.9	99.3	99.7
≥ 0	85.8	90.6	91.9	93.0	94.4	95.0	95.8	96.8	96.9	97.8	98.2	98.2	98.7	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

5433

USAF ETAC FORM 0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/IAF

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

75-76

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥5/16	≥	≥0
NO CEILING	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 20000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 18000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 16000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 14000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 12000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
≥ 10000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 6000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 5000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 4500	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 4000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3500	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 3000	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 2500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1800	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
≥ 1500	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
≥ 1200	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 1000	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 900	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 800	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 700	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 600	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 500	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 400	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 300	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 200	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 100	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
≥ 0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2

TOTAL NUMBER OF OBSERVATIONS

372

USAF ETAC

FORM 54

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE DATA
USAFETAC
AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

23921 REESE AFB TX

7-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0300-0500

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.0	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0.05	≥0
NO CEILING	84.4	84.6	85.0	85.0	85.0	85.0	85.0	85.0	85.2	85.2	85.2	85.4	85.4	85.4	85.7	85.7
≥ 20000	86.7	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.8	87.8	87.8	88.0	88.0
≥ 18000	86.7	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.8	87.8	87.8	88.0	88.0
≥ 16000	86.7	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.6	87.6	87.8	87.8	87.8	88.0	88.0
≥ 14000	86.9	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8	87.8	88.0	88.0	88.0	88.2	88.2
≥ 12000	87.6	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.4	88.4	88.4	88.7	88.7	88.7	88.9	88.9
≥ 10000	88.2	88.4	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.3	89.3	89.3	89.5	89.5
≥ 9000	88.2	88.4	88.9	88.9	88.9	88.9	88.9	88.9	89.1	89.1	89.1	89.3	89.3	89.3	89.5	89.5
≥ 8000	89.3	89.5	89.9	89.9	89.9	89.9	89.9	89.9	90.1	90.1	90.1	90.4	90.4	90.4	90.6	90.6
≥ 7000	89.5	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.4	90.4	90.4	90.6	90.6	90.6	90.8	90.8
≥ 6000	89.5	89.7	90.1	90.1	90.1	90.1	90.1	90.1	90.4	90.4	90.4	90.6	90.6	90.6	90.8	90.8
≥ 5000	89.9	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.8	90.8	90.8	91.0	91.0	91.0	91.2	91.2
≥ 4500	90.1	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.4	91.4	91.4	91.6	91.6
≥ 4000	91.0	91.4	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.5	92.5
≥ 3500	91.0	91.4	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.5	92.5
≥ 3000	91.0	91.4	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.3	92.3	92.3	92.5	92.5
≥ 2500	91.6	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.9	92.9	92.9	93.1	93.1
≥ 2000	92.3	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.4	93.4	93.4	93.6	93.6	93.6	93.8	93.8
≥ 1800	92.9	93.4	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.4	94.4
≥ 1600	93.6	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.8	94.8	94.8	95.1	95.1
≥ 1400	94.2	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.5	95.5	95.5	95.7	95.7
≥ 1200	94.2	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.3	95.3	95.3	95.5	95.5	95.5	95.7	95.7
≥ 1000	94.9	95.5	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.1	96.1	96.4	96.4	96.4	96.6	96.6
≥ 900	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.2
≥ 800	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.2
≥ 700	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.2
≥ 600	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.2
≥ 500	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.2
≥ 400	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.2
≥ 300	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.2
≥ 200	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.2
≥ 100	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.2
≥ 0	95.5	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.0	97.2	97.2

TOTAL NUMBER OF OBSERVATIONS

467

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAO

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 7A-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥0.75	≥0.5	≥0.25	≥0.15	≥0.1	≥0
NO CEILING	70.5	78.0	78.4	78.5	78.6	78.9	79.0	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 20000	79.6	81.2	81.6	81.7	82.0	82.1	82.2	82.2	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
≥ 18000	79.6	81.4	81.8	82.0	82.2	82.4	82.5	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 16000	79.8	81.4	81.8	82.0	82.2	82.4	82.5	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 14000	80.5	82.1	82.5	82.6	82.9	83.0	83.2	83.4	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 12000	80.8	82.4	82.8	82.9	83.2	83.3	83.4	83.4	83.6	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 10000	82.4	84.4	84.7	84.9	85.1	85.3	85.4	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 9000	82.6	84.6	85.0	85.1	85.4	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 8000	83.6	85.5	85.9	86.1	86.6	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000	84.4	86.5	86.9	87.0	87.5	87.7	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 6000	84.4	86.5	86.9	87.0	87.5	87.7	87.8	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1
≥ 5000	85.1	87.3	87.7	87.8	88.2	88.5	88.6	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 4500	85.3	87.7	88.1	88.2	88.7	89.0	89.0	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000	85.5	88.5	88.9	89.1	89.5	89.7	89.8	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 3500	85.8	88.7	89.1	89.3	89.9	90.1	90.2	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 3000	85.9	88.9	89.3	89.4	90.1	90.2	90.3	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 2500	86.0	89.5	89.9	90.1	90.7	90.8	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
≥ 2000	87.0	90.1	90.5	90.6	91.2	91.4	91.5	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 1800	87.7	90.7	91.1	91.2	91.9	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
≥ 1500	89.4	92.6	93.0	93.1	93.8	94.0	94.2	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200	89.5	92.7	93.1	93.2	93.9	94.2	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1000	89.5	92.7	93.4	93.5	94.2	94.4	94.6	94.7	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 900	89.8	93.4	93.8	93.9	94.6	94.8	95.0	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 800	89.8	93.5	93.9	94.0	94.7	95.0	95.1	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	89.8	93.5	93.9	94.2	94.8	95.5	95.6	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600	89.8	93.6	94.0	94.4	95.1	95.8	95.9	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 500	89.9	94.0	94.4	94.8	95.5	96.2	96.3	96.4	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 400	89.9	94.0	94.4	94.8	95.6	96.3	96.4	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
≥ 300	89.9	94.0	94.6	95.0	95.9	96.6	96.7	96.8	96.9	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 200	89.9	94.0	94.6	95.0	96.0	96.7	96.8	96.9	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 100	89.9	94.0	94.6	95.0	96.0	96.7	96.8	96.9	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 0	89.9	94.0	94.6	95.0	96.0	96.7	96.8	96.9	97.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS

754

USAF ETAC

FORM 7-54

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25021

REESE AFB TX

STATION NAME

7-7-73-73

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0200-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2 1/2	≥2	≥1 1/2	≥1 1/4	≥1	≥3/4	≥3/8	≥1/2	≥5/16	≥1/4	≥0
NO CEILING	69.7	72.1	72.4	72.8	73.2	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	74.2	74.2	74.2
≥ 20000	74.7	77.6	77.5	78.4	78.7	78.8	79.2	79.3	79.3	79.4	79.5	79.5	79.5	79.9	79.9	79.9
≥ 18000	75.0	77.9	78.5	78.7	79.1	79.2	79.5	79.7	79.7	79.8	79.8	79.9	79.9	80.2	80.2	80.2
≥ 16000	75.5	78.4	78.7	79.2	79.5	79.7	80.0	80.1	80.1	80.2	80.3	80.3	80.3	80.7	80.7	80.7
≥ 14000	76.9	80.1	80.3	80.5	81.2	81.3	81.6	81.7	81.7	81.8	82.0	82.1	82.1	82.3	82.3	82.3
≥ 12000	78.2	81.5	81.8	82.3	82.7	82.8	83.1	83.2	83.2	83.4	83.5	83.5	83.5	83.8	83.8	83.8
≥ 10000	79.9	83.5	83.8	84.3	84.8	84.7	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.8	85.8	85.8
≥ 9000	80.2	83.8	84.2	84.6	85.1	85.1	85.4	85.5	85.5	85.7	85.7	85.7	85.7	86.1	86.1	86.1
≥ 8000	81.4	85.1	85.4	86.0	86.4	86.5	86.8	86.9	86.9	87.1	87.2	87.2	87.2	87.5	87.5	87.5
≥ 7000	81.8	85.7	86.0	86.5	86.9	87.1	87.4	87.5	87.5	87.6	87.7	87.7	87.7	88.1	88.1	88.1
≥ 6000	82.4	86.2	86.6	87.2	87.5	87.6	88.0	88.1	88.1	88.2	88.3	88.3	88.3	88.7	88.7	88.7
≥ 5000	82.7	86.5	86.9	87.5	87.9	88.0	88.4	88.5	88.5	88.8	88.8	88.9	88.9	89.2	89.2	89.2
≥ 4500	82.7	86.6	87.0	87.5	87.9	88.0	88.4	88.5	88.5	88.8	88.8	88.9	88.9	89.2	89.2	89.2
≥ 4000	82.9	86.8	87.2	87.7	88.1	88.2	88.7	88.8	88.8	89.0	89.1	89.1	89.1	89.5	89.5	89.5
≥ 3500	83.2	87.3	87.6	88.3	88.8	88.9	89.5	89.6	89.6	89.8	89.9	89.9	89.9	90.3	90.3	90.3
≥ 3000	83.5	87.5	87.9	88.6	89.1	89.2	89.8	89.9	89.9	90.2	90.2	90.3	90.3	90.6	90.6	90.6
≥ 2500	83.6	87.7	88.1	88.8	89.4	89.5	90.1	90.3	90.3	90.5	90.6	90.6	90.6	91.0	91.0	91.0
≥ 2000	84.2	88.4	88.8	89.5	90.1	90.2	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.7	91.7	91.7
≥ 1800	85.1	89.5	89.8	90.5	91.1	91.2	91.9	92.3	92.3	92.5	92.6	92.6	92.6	92.9	92.9	92.9
≥ 1500	85.9	90.4	90.9	91.6	92.1	92.4	93.1	93.4	93.4	93.6	93.6	93.6	93.6	94.1	94.1	94.1
≥ 1200	86.1	90.9	91.2	92.0	92.6	92.8	93.5	93.9	93.9	94.1	94.2	94.2	94.2	94.6	94.6	94.6
≥ 1000	86.1	91.0	91.5	92.3	92.9	93.1	93.9	94.2	94.2	94.5	94.5	94.5	94.5	95.0	95.0	95.0
≥ 900	86.1	91.0	91.4	92.4	92.9	93.2	94.0	94.3	94.3	94.6	94.7	94.7	94.7	95.1	95.1	95.1
≥ 800	86.1	91.0	91.6	92.6	93.2	93.4	94.3	94.7	94.7	94.9	95.1	95.1	95.1	95.6	95.6	95.6
≥ 700	86.1	91.1	91.8	93.3	93.9	94.1	95.0	95.5	95.5	95.7	96.0	96.0	96.0	96.4	96.4	96.4
≥ 600	86.2	91.3	92.0	93.5	94.3	94.6	95.5	96.0	96.0	96.3	96.5	96.5	96.5	97.0	97.0	97.0
≥ 500	86.2	91.4	92.1	93.6	94.7	94.9	95.8	96.5	96.5	96.9	97.1	97.1	97.1	97.6	97.6	97.6
≥ 400	86.2	91.4	92.1	93.6	94.7	95.0	95.1	97.1	97.1	97.6	97.9	97.9	97.9	98.4	98.4	98.4
≥ 300	86.2	91.4	92.1	93.6	94.7	95.0	95.2	97.5	97.5	98.0	98.4	98.4	98.4	98.8	98.8	98.8
≥ 200	86.2	91.4	92.1	93.6	94.7	95.0	95.2	97.5	97.5	98.0	98.6	98.6	98.6	99.3	99.3	99.3
≥ 100	86.2	91.4	92.1	93.6	94.7	95.0	95.2	97.5	97.5	98.0	98.6	98.6	98.6	99.3	99.3	99.3
≥ 0	86.2	91.4	92.1	93.6	94.7	95.0	95.2	97.5	97.5	98.0	98.6	98.6	98.6	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

865

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/VAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 73-78

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY (STATUTE MILES)																
	≥10	≥8	≥6	≥4	≥3	≥2	≥1	≥1/2	≥1/4	≥1/8	≥1/16	≥1/32	≥1/64	≥1/128	≥1/256	≥1/512	≥1/1024
NO CEILING	66.8	70.1	71.4	72.0	72.7	73.5	74.6	73.9	73.9	74.2	74.0	74.3	74.3	74.3	74.4	74.4	74.4
≥ 20000	73.4	77.7	78.8	79.4	80.2	81.3	81.6	1.7	81.9	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 18000	74.0	77.8	79.3	80.0	80.9	81.8	82.2	82.3	82.5	82.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1
≥ 16000	74.3	78.2	79.7	80.3	81.4	82.3	82.6	82.7	83.0	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5
≥ 14000	75.7	79.5	81.1	81.8	82.6	83.8	84.1	84.2	84.4	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0
≥ 12000	76.9	80.9	82.5	83.3	84.3	85.2	85.2	85.7	85.9	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.5
≥ 10000	78.5	82.5	84.1	84.9	85.9	86.8	87.2	87.3	87.5	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1
≥ 9000	78.9	82.1	84.7	85.5	86.5	87.4	87.7	87.8	88.1	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6
≥ 8000	79.3	83.5	85.2	86.0	87.0	88.0	88.3	88.4	88.6	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2
≥ 7000	79.5	83.9	85.5	86.3	87.3	88.2	88.5	88.6	88.9	89.2	89.3	89.3	89.3	89.4	89.4	89.4	89.4
≥ 6000	79.5	83.4	85.5	86.3	87.3	88.2	88.5	88.8	89.0	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5
≥ 5000	79.7	84.0	85.7	86.5	87.5	88.4	88.8	89.0	89.2	89.5	89.7	89.7	89.7	89.8	89.8	89.8	89.8
≥ 4500	79.7	84.1	85.8	86.6	87.6	88.5	88.9	89.1	89.3	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9
≥ 4000	79.7	84.1	85.9	86.7	87.7	88.6	89.0	89.2	89.4	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.0
≥ 3500	79.7	84.2	86.0	86.8	87.8	88.9	89.2	89.4	89.7	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
≥ 3000	80.3	85.1	86.9	87.7	88.8	89.8	90.1	90.3	90.6	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1
≥ 2500	80.7	85.9	87.7	88.5	89.5	90.6	91.0	91.4	91.6	91.9	92.0	92.0	92.0	92.1	92.2	92.2	92.2
≥ 2000	81.3	87.0	88.9	89.7	90.7	91.7	92.2	92.5	92.7	93.2	93.3	93.3	93.3	93.4	93.4	93.4	93.4
≥ 1800	81.5	87.4	89.2	90.0	91.0	92.0	92.5	92.8	93.1	93.5	93.6	93.6	93.6	93.8	93.8	93.8	93.8
≥ 1500	82.0	88.2	90.1	91.0	92.0	93.2	93.6	94.0	94.2	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
≥ 1200	82.6	89.0	90.8	91.7	92.7	94.0	94.4	94.8	95.0	95.5	95.6	95.6	95.6	95.8	95.8	95.8	95.8
≥ 1000	82.6	89.1	91.0	91.9	93.1	94.4	94.9	95.2	95.5	95.9	96.0	96.0	96.0	96.3	96.3	96.3	96.3
≥ 900	82.7	89.3	91.4	92.3	93.4	94.9	95.2	95.6	95.8	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6
≥ 800	82.7	89.4	91.5	92.4	93.5	94.9	95.5	95.8	96.0	96.5	96.6	96.6	96.6	96.8	96.8	96.8	96.8
≥ 700	82.7	89.4	91.5	92.6	93.6	95.1	95.7	96.0	96.3	96.7	96.8	96.8	96.8	96.9	97.0	97.0	97.0
≥ 600	82.7	89.4	91.6	92.7	93.9	95.2	95.9	96.3	96.5	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4
≥ 500	82.7	89.4	91.6	92.8	94.0	95.5	96.3	96.7	96.9	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.8
≥ 400	82.7	89.4	91.6	92.8	94.0	95.5	96.3	96.7	97.3	97.5	98.3	98.3	98.3	98.5	98.5	98.5	98.5
≥ 300	82.7	89.4	91.6	92.8	94.0	95.5	96.3	96.7	97.3	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 200	82.7	89.4	91.6	92.8	94.0	95.5	96.3	96.7	97.3	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 100	82.7	89.4	91.6	92.8	94.0	95.5	96.3	96.7	97.3	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7
≥ 0	82.7	89.4	91.6	92.8	94.0	95.5	96.3	96.7	97.3	97.5	98.4	98.4	98.4	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

860

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021 REESE AFB TX

7-70, 73-75

REC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

-15,00-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2.5	≥2	≥1.5	≥1.2	≥1	≥.8	≥.6	≥.5	≥.4	≥.3	≥.2
NO CEILING ≥ 20000	70.8	73.1	73.6	74.3	74.9	75.0	75.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 18000	77.5	80.5	81.1	81.5	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 16000	77.3	80.6	81.2	82.1	82.6	82.9	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 14000	79.3	82.2	82.9	83.8	84.5	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
≥ 12000	80.6	83.2	83.5	84.5	85.1	85.2	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 10000	83.2	86.4	87.0	87.9	88.6	88.7	88.7	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2
≥ 9000	83.5	87.0	87.6	88.6	89.2	89.2	89.2	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.8	89.8
≥ 8000	84.2	87.6	88.2	89.2	90.1	90.2	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.7	90.7
≥ 7000	84.7	88.1	88.7	89.7	90.5	90.7	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.2	91.2
≥ 6000	84.8	88.2	88.8	89.8	90.7	90.8	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.3	91.3
≥ 5000	84.9	88.2	88.9	89.9	90.7	90.8	90.8	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4
≥ 4500	85.0	89.4	89.0	89.9	90.8	90.9	90.9	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.9	91.9
≥ 4000	85.1	89.5	89.2	90.1	91.0	91.1	91.1	91.6	91.6	91.7	91.8	91.8	91.8	91.8	92.4	92.4
≥ 3500	85.2	89.6	89.6	90.5	91.4	91.5	91.5	91.9	92.0	92.1	92.2	92.2	92.2	92.2	92.5	92.5
≥ 3000	86.1	89.8	90.4	91.4	92.2	92.4	92.4	92.7	92.8	93.0	93.1	93.2	93.2	93.2	93.3	93.3
≥ 2500	86.8	90.7	91.3	92.2	93.2	93.3	93.3	93.7	93.8	93.9	94.1	94.2	94.2	94.2	94.3	94.3
≥ 2000	86.5	90.7	91.3	92.2	93.2	93.3	93.3	93.7	93.8	93.9	94.1	94.2	94.2	94.2	94.3	94.3
≥ 1800	87.0	90.9	91.5	92.5	93.5	93.6	93.6	93.9	94.1	94.2	94.3	94.4	94.4	94.4	94.5	94.5
≥ 1500	87.4	91.5	92.4	93.3	94.4	94.5	94.5	94.9	95.0	95.2	95.3	95.4	95.4	95.5	95.6	95.6
≥ 1200	87.4	91.8	92.7	94.2	95.4	95.5	95.5	96.0	96.1	96.2	96.4	96.5	96.5	96.6	96.7	96.7
≥ 1000	87.4	91.8	92.7	94.2	95.4	95.5	95.5	96.0	96.1	96.2	96.4	96.5	96.5	96.6	96.7	96.7
≥ 900	87.8	92.1	93.1	94.5	95.8	96.0	96.0	96.5	96.6	96.7	96.8	97.0	97.1	97.2	97.3	97.3
≥ 800	87.8	92.2	93.2	94.7	95.9	96.1	96.1	96.6	96.7	96.8	97.0	97.1	97.2	97.3	97.5	97.5
≥ 700	87.8	92.4	93.5	94.9	96.1	96.4	96.4	96.8	97.0	97.1	97.2	97.3	97.5	97.6	97.7	97.7
≥ 600	87.8	92.4	93.5	94.9	96.1	96.4	96.4	96.8	97.0	97.1	97.2	97.3	97.5	97.6	97.7	97.7
≥ 500	87.8	92.4	93.6	95.3	96.6	97.0	97.1	97.6	97.7	97.8	97.9	98.1	98.2	98.3	98.4	98.4
≥ 400	87.8	92.4	93.6	95.3	96.6	97.2	97.5	98.1	98.3	98.5	98.7	98.8	98.9	99.0	99.2	99.2
≥ 300	87.8	92.4	93.6	95.3	96.6	97.2	97.5	98.1	98.3	98.5	98.7	98.8	98.9	99.0	99.2	99.2
≥ 200	87.8	92.4	93.6	95.3	96.6	97.2	97.5	98.1	98.3	98.5	98.7	98.8	98.9	99.0	99.2	99.2
≥ 100	87.8	92.4	93.6	95.3	96.6	97.2	97.5	98.1	98.3	98.5	98.7	98.8	98.9	99.0	99.2	99.2
≥ 0	87.8	92.4	93.6	95.3	96.6	97.2	97.5	98.1	98.3	98.5	98.7	98.8	98.9	99.0	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS

825

GLOBAL CLIMATE DATA BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 73-76

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1800-2000
HOURS

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥8	≥6	≥4	≥3	≥2.5	≥2	≥1.5	≥1.25	≥1	≥.75	≥.5	≥.25	≥.16	≥.1	≥0
NO CEILING	76.1	77.2	77.4	77.7	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 20000	82.7	84.4	84.6	84.9	84.9	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 18000	82.7	84.4	84.6	84.9	84.9	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 16000	82.7	84.4	84.6	84.9	84.9	84.9	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 14000	84.4	85.1	85.3	85.5	85.6	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 12000	85.3	87.1	87.2	87.5	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
≥ 10000	87.1	87.4	88.9	89.2	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 9000	87.1	88.8	88.9	89.2	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 8000	87.7	88.4	89.5	89.9	89.9	89.9	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 7000	87.8	88.5	89.7	90.0	90.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	88.3	90.0	90.2	90.5	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	88.9	90.6	91.0	91.3	91.3	91.3	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 4500	89.2	91.0	91.3	91.6	91.6	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	89.2	91.0	91.3	91.6	91.6	91.6	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	89.7	91.4	91.7	92.0	92.0	92.0	92.2	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7
≥ 3000	89.9	91.7	92.0	92.4	92.4	92.4	92.5	92.8	92.8	92.8	92.8	93.0	93.0	93.0	93.0	93.0
≥ 2500	90.2	92.0	92.4	92.7	92.7	92.7	92.8	93.1	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3
≥ 2000	91.6	93.4	93.8	94.1	94.1	94.1	94.2	94.5	94.5	94.5	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	92.2	94.1	94.4	94.7	94.7	94.7	94.9	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	92.4	94.2	94.7	95.2	95.3	95.3	95.6	95.8	95.8	95.8	96.3	96.4	96.4	96.4	96.4	96.4
≥ 1200	92.4	94.2	94.7	95.2	95.3	95.3	95.6	95.8	95.8	95.8	96.3	96.4	96.4	96.4	96.4	96.4
≥ 1000	92.5	94.4	94.9	95.3	95.5	95.5	95.8	95.9	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4
≥ 900	92.7	94.5	95.0	95.5	95.5	95.5	95.9	96.3	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9
≥ 800	92.7	94.5	95.0	95.5	95.5	95.5	95.9	96.3	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9
≥ 700	92.8	94.9	95.3	95.8	95.9	95.9	96.3	96.6	97.0	97.0	97.0	97.2	97.2	97.2	97.2	97.2
≥ 600	93.0	95.0	95.5	95.9	96.3	96.3	96.6	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5
≥ 500	93.0	95.0	95.5	95.9	96.3	96.3	96.6	96.9	97.5	97.5	97.5	97.7	97.7	97.7	97.7	97.7
≥ 400	93.0	95.0	95.5	95.9	96.3	96.3	96.6	97.0	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6
≥ 300	93.0	95.0	95.5	96.1	96.6	96.6	96.9	97.3	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1
≥ 200	93.0	95.0	95.5	96.1	96.6	96.6	96.9	97.5	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2
≥ 100	93.0	95.0	95.5	96.1	96.6	96.6	96.9	97.5	98.9	98.9	98.9	99.1	99.4	99.4	99.4	99.4
≥ 0	93.0	95.0	95.5	96.1	96.6	96.6	96.9	97.5	98.9	98.9	98.9	99.1	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

641

USAF ETAC

FORM 10-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAF ETAC
AIR WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-7-73-78

DATE

REC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/5	≥0	≥0
NO CEILING	82.6	62.9	82.6	82.7	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
≥ 20000	87.7	67.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 18000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 16000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 14000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 12000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 10000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 9000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 8000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 7000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 6000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 5000	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 4500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 4000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 3000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 900	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 800	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 700	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 600	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 500	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 400	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 300	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 200	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 100	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 0	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7

TOTAL NUMBER OF OBSERVATIONS

465

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

7-70, 73-76

DEC

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥10	≥6	≥5	≥4	≥3	≥2½	≥2	≥1½	≥1¼	≥1	≥¾	≥½	≥¼	≥1/16	≥0	≥0
NO CEILING	74.5	76.2	76.6	77.0	77.3	77.5	77.6	77.7	77.7	77.8	77.9	77.9	78.0	78.0	78.0	78.0
≥ 20000	79.6	81.6	82.1	82.5	82.9	83.1	83.2	83.4	83.4	83.5	83.5	83.6	83.7	83.7	83.7	83.7
≥ 18000	79.8	81.8	82.3	82.7	83.1	83.3	83.5	83.6	83.6	83.8	83.8	83.9	83.9	83.9	83.9	83.9
≥ 16000	80.0	82.0	82.5	82.9	83.3	83.5	83.7	83.8	83.8	84.0	84.0	84.1	84.1	84.2	84.2	84.2
≥ 14000	81.1	84.1	83.7	84.1	84.4	84.6	84.8	84.9	85.0	85.1	85.2	85.2	85.3	85.3	85.3	85.3
≥ 12000	82.0	84.2	84.7	85.1	85.5	85.7	85.9	86.0	86.1	86.2	86.2	86.3	86.3	86.4	86.4	86.4
≥ 10000	83.6	85.9	86.4	86.8	87.2	87.4	87.6	87.7	87.8	87.9	88.0	88.0	88.1	88.1	88.1	88.1
≥ 9000	83.9	86.2	86.7	87.1	87.5	87.7	87.9	88.0	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.4
≥ 8000	84.0	87.4	87.5	87.7	88.4	88.6	88.6	88.9	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.3
≥ 7000	85.0	87.4	88.0	88.4	88.8	89.0	89.2	89.3	89.4	89.5	89.5	89.6	89.7	89.7	89.7	89.7
≥ 6000	85.2	87.6	88.1	88.5	89.0	89.2	89.4	89.5	89.6	89.7	89.8	89.8	89.9	89.9	89.9	89.9
≥ 5000	85.5	87.9	88.5	88.9	89.4	89.6	89.7	89.9	90.0	90.1	90.2	90.2	90.3	90.3	90.3	90.3
≥ 4500	85.6	88.2	88.7	89.2	89.6	89.9	90.0	90.1	90.2	90.4	90.5	90.5	90.6	90.6	90.7	90.7
≥ 4000	86.0	88.6	89.2	89.6	90.1	90.3	90.5	90.6	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1
≥ 3500	86.2	88.9	89.4	89.9	90.4	90.5	90.6	90.8	91.0	91.2	91.3	91.3	91.4	91.5	91.5	91.5
≥ 3000	86.6	89.3	89.9	90.4	90.7	91.1	91.3	91.4	91.5	91.7	91.8	91.8	91.9	92.0	92.0	92.0
≥ 2500	87.0	89.6	90.5	90.9	91.4	91.7	91.9	92.1	92.2	92.3	92.4	92.4	92.5	92.6	92.6	92.6
≥ 2000	87.6	90.6	91.2	91.6	92.2	92.4	92.6	92.8	92.9	93.1	93.2	93.2	93.3	93.3	93.3	93.3
≥ 1800	88.1	91.2	91.8	92.2	92.7	93.0	93.2	93.4	93.5	93.7	93.8	93.8	93.9	94.0	94.0	94.0
≥ 1500	88.9	92.1	92.8	93.3	93.9	94.2	94.4	94.7	94.7	95.0	95.0	95.1	95.2	95.2	95.2	95.2
≥ 1200	89.2	92.4	93.1	93.7	94.3	94.6	94.9	95.1	95.2	95.4	95.5	95.5	95.7	95.7	95.7	95.7
≥ 1000	89.3	92.7	93.4	93.9	94.5	94.9	95.1	95.4	95.5	95.7	95.8	95.8	96.0	96.0	96.1	96.1
≥ 900	89.5	92.9	93.6	94.2	94.9	95.2	95.5	95.8	95.9	96.1	96.2	96.2	96.5	96.4	96.4	96.4
≥ 800	89.5	93.0	93.7	94.4	95.0	95.4	95.7	95.9	96.0	96.2	96.3	96.3	96.5	96.6	96.6	96.6
≥ 700	89.5	93.1	93.9	94.6	95.2	95.7	96.0	96.3	96.4	96.6	96.7	96.7	96.8	96.9	96.9	96.9
≥ 600	89.6	93.2	94.1	94.9	95.5	96.0	96.3	96.6	96.7	96.9	97.0	97.0	97.2	97.2	97.3	97.3
≥ 500	89.6	93.3	94.2	95.0	95.7	96.2	96.6	96.9	97.0	97.3	97.4	97.4	97.6	97.6	97.7	97.7
≥ 400	89.6	93.3	94.2	95.1	95.8	96.4	96.8	97.4	97.5	97.9	98.1	98.1	98.3	98.3	98.4	98.4
≥ 300	89.6	93.3	94.3	95.1	96.0	96.5	97.0	97.6	97.8	98.2	98.5	98.5	98.7	98.7	98.8	98.8
≥ 200	89.6	93.3	94.3	95.1	96.0	96.5	97.1	97.7	97.9	98.5	98.7	98.8	99.1	99.1	99.3	99.3
≥ 100	89.6	93.3	94.3	95.1	96.0	96.5	97.1	97.7	97.9	98.5	98.8	98.9	99.2	99.3	99.4	99.4
≥ 0	89.6	93.3	94.3	95.1	96.0	96.5	97.1	97.7	97.9	98.5	98.8	98.9	99.2	99.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS

3260

USAF ETAC

0-14-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

23021

REESE AFB TX

STATION NAME

7-73, 73-79

YEARS

ALL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

ALL

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 1/8	≥ 1/16	≥ 0
NO CEILING	67.9	70.2	70.6	70.9	71.1	71.3	71.4	71.6	71.6	71.7	71.7	71.7	71.7	71.8	71.8	71.8
≥ 20000	76.9	75.6	76.0	76.4	76.5	76.7	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.3	77.4	77.4
≥ 18000	75.1	75.7	76.2	76.5	76.5	76.9	77.1	77.3	77.3	77.4	77.4	77.4	77.5	77.5	77.5	77.6
≥ 16000	75.2	75.9	76.3	76.7	76.9	77.1	77.3	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
≥ 14000	73.8	76.5	77.0	77.3	77.6	77.7	77.9	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.4
≥ 12000	75.3	78.1	78.5	78.9	79.2	79.3	79.5	79.7	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0
≥ 10000	77.4	80.4	80.9	81.3	81.5	81.7	81.9	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.4	82.4
≥ 9000	77.7	80.7	81.2	81.6	81.9	82.1	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.7	82.7
≥ 8000	78.5	81.5	82.1	82.5	82.8	82.9	83.1	83.3	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.7
≥ 7000	78.9	82.0	82.5	82.9	83.2	83.4	83.6	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1
≥ 6000	79.3	82.5	83.0	83.4	83.7	83.9	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6
≥ 5000	80.0	83.3	83.6	84.3	84.6	84.7	84.9	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.5	85.5
≥ 4500	80.5	83.8	84.4	84.8	85.2	85.3	85.5	85.7	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.1
≥ 4000	81.2	84.7	85.3	85.7	86.1	86.2	86.4	86.7	86.7	86.8	86.9	86.9	86.9	87.0	87.0	87.0
≥ 3500	81.8	85.4	86.0	86.4	86.8	86.9	87.2	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.8
≥ 3000	82.5	86.1	86.9	87.3	87.6	87.9	88.3	88.3	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.7
≥ 2500	83.2	87.0	87.7	88.2	88.6	88.8	89.0	89.3	89.3	89.5	89.5	89.5	89.5	89.6	89.6	89.7
≥ 2000	84.1	88.1	88.8	89.3	89.7	89.9	90.2	90.4	90.5	90.6	90.7	90.7	90.7	90.8	90.8	90.8
≥ 1800	84.4	88.5	89.2	89.7	90.2	90.3	90.6	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.3
≥ 1500	85.2	89.5	90.3	90.8	91.3	91.5	91.8	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.4	92.5
≥ 1200	85.8	90.4	91.2	91.8	92.3	92.5	92.8	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.5
≥ 1000	86.2	91.1	91.9	92.5	93.0	93.3	93.6	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.3	94.3
≥ 900	86.4	91.4	92.3	93.0	93.5	93.7	94.1	94.4	94.4	94.6	94.6	94.7	94.7	94.8	94.8	94.8
≥ 800	86.8	91.8	92.8	93.5	94.1	94.3	94.7	95.0	95.0	95.2	95.3	95.3	95.4	95.4	95.5	95.5
≥ 700	86.8	92.2	93.2	93.9	94.6	94.8	95.2	95.6	95.6	95.8	95.9	95.9	96.0	96.0	96.1	96.1
≥ 600	86.9	92.4	93.5	94.3	95.1	95.3	95.8	96.1	96.2	96.4	96.5	96.5	96.6	96.6	96.7	96.7
≥ 500	87.0	92.7	93.9	94.8	95.6	95.9	96.4	96.8	96.9	97.1	97.2	97.2	97.4	97.4	97.4	97.5
≥ 400	87.1	92.8	94.0	95.0	95.9	96.3	96.9	97.4	97.5	97.7	97.9	97.9	98.1	98.1	98.1	98.2
≥ 300	87.1	92.9	94.1	95.1	96.1	96.4	97.1	97.7	97.8	98.2	98.4	98.4	98.6	98.7	98.7	98.8
≥ 200	87.1	92.9	94.1	95.1	96.1	96.5	97.2	97.8	98.0	98.4	98.7	98.7	99.1	99.1	99.2	99.2
≥ 100	87.1	92.9	94.1	95.1	96.1	96.5	97.2	97.8	98.0	98.4	98.7	98.8	99.2	99.3	99.3	99.4
≥ 0	87.1	92.9	94.1	95.1	96.1	96.5	97.2	97.8	98.0	98.4	98.7	98.8	99.2	99.3	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

65204

USAF ETAC

FORM 10-64

0-14-5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

TOTAL SKY COVER
FOR THE PERIOD OF RECORD 1971 AND LATER THE AIRWAYS
SYMBOLS OF CLEAR, SCATTERED, BROKEN, OVERCAST, & OBSCURED
WERE USED AS INPUT FOR THE TOTAL SKY COVER.

CLEAR WAS CONVERTED TO 0/10

SCATTERED WAS CONVERTED TO 3/10

BROKEN WAS CONVERTED TO 9/10

OVERCAST WAS CONVERTED TO 10/10

OBSCURED WAS CONVERTED TO 10/10

SKY COVER

JAN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	46.1			18.3						10.7	24.9	4.0	421
	03-05	41.5			15.1						12.3	31.0	4.7	496
	06-08	30.0			21.7						15.3	33.0	5.3	621
	09-11	20.9			24.3						20.6	34.2	6.0	635
	12-14	23.0			26.3						21.5	29.2	5.6	638
	15-17	22.3			29.6						19.4	28.8	5.5	619
	18-20	26.5			33.0						15.3	25.2	4.9	563
	21-23	45.3			17.8						10.7	26.2	4.1	450
TOTALS		32.0			23.3						15.7	29.1	5.0	4443

FORM
JUL 64

0.9.5 (ÓL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

4 FEB

MONIM

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB.	00-02	43.0			17.2						11.0	28.9	4.4	419
	03-05	41.8			17.8						8.7	31.7	4.5	483
	06-08	32.6			24.4						12.5	30.6	4.9	362
	09-11	24.6			28.1						14.9	32.4	5.4	577
	12-14	21.6			31.8						19.0	27.5	5.4	578
	15-17	17.1			32.3						23.5	27.1	5.8	561
	18-20	19.4			33.0						21.9	25.7	5.5	525
	21-23	38.8			22.4						11.6	27.2	4.4	456
TOTALS		29.9			25.9						15.4	28.9	5.0	4161

SKY COVER

MAR

MONTM

MON: H	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	00-02	51.8			18.9						10.2	19.1	3.4	371
	03-05	47.9			18.5						14.2	19.4	3.8	438
	06-08	29.5			32.0						17.6	20.9	4.6	535
	09-11	23.2			30.4						21.0	24.8	5.3	537
	12-14	22.2			29.2						21.7	26.9	5.5	535
	15-17	20.0			30.7						23.7	25.5	5.6	514
	18-20	23.9			38.5						18.6	19.2	4.7	473
	21-23	48.6			22.5						13.6	15.3	3.4	418
TOTALS		33.5			27.6						17.6	21.4	4.5	3821

SKY COVER

APR

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	00-02	50.0			16.3						13.5	20.2	3.7	362
	03-05	43.0			21.1						13.8	22.1	4.1	421
	06-08	28.9			23.8						20.4	26.9	5.2	509
	09-11	29.2			27.7						21.2	22.0	4.9	528
	12-14	23.6			31.2						23.1	22.1	5.2	516
	15-17	19.2			32.8						26.2	21.8	5.5	500
	18-20	21.8			33.3						24.6	20.3	5.2	463
	21-23	42.0			26.3						11.3	20.4	3.8	407
TOTALS		32.2			26.6						19.3	22.0	4.7	3706

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

MAY
MONTH

MON/JH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAY	00-02	43.8			20.7						15.3	20.2	4.0	372
	03-05	37.2			25.2						14.6	23.0	4.4	460
	06-08	28.2			26.7						23.1	22.0	5.1	528
	09-11	28.0			30.2						23.8	18.0	4.8	550
	12-14	23.6			38.2						22.7	15.5	4.7	550
	15-17	17.2			44.7						25.3	12.8	4.9	530
	18-20	20.6			43.0						23.4	13.0	4.7	491
	21-23	37.9			35.4						12.4	14.3	3.6	427
TOTALS		29.6			33.0						20.1	17.4	4.5	3908

SKY COVER

73-78

JUN

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF CBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN:	00-02	46.5			22.0						15.8	15.8	3.7	368
	03-05	40.9			27.9						19.9	11.4	3.8	438
	06-08	22.7			48.5						20.6	8.2	4.1	515
	09-11	26.9			48.1						18.3	6.7	3.8	540
	12-14	25.0			48.4						22.6	3.9	3.9	539
	15-17	14.8			52.8						28.1	4.2	4.5	519
	18-20	11.5			47.8						34.4	6.3	5.2	477
	21-23	28.1			36.2						25.9	9.8	4.4	417
TOTALS		27.1			41.5						23.2	8.3	4.2	3813

FORM 0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

JUL-

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUL	00-02	42.7			26.4						14.8	16.1	3.7	379
	03-05	40.6			28.4						14.4	16.6	3.8	458
	06-08	17.8			43.1						23.1	16.1	5.0	529
	09-11	15.8			49.3						22.5	12.5	4.8	552
	12-14	6.2			54.8						28.7	10.3	5.3	551
	15-17	3.0			58.0						33.0	6.1	5.3	540
	18-20	4.1			60.0						29.3	6.7	5.1	492
	21-23	22.0			48.5						19.9	9.6	4.2	427
TOTALS		19.0			46.1						23.2	11.8	4.7	3928

SKY COVER

AUG
MONT

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
AUG	00-02	44.7			25.5						20.0	9.7	3.5	380
	03-05	47.7			27.1						12.8	12.4	3.2	461
	06-08	22.8			42.2						20.0	15.1	4.6	536
	09-11	26.3			38.9						20.3	14.5	4.4	558
	12-14	14.5			52.0						25.1	8.4	4.7	558
	15-17	8.9			58.4						26.6	6.1	4.8	541
	18-20	12.4			54.0						29.0	4.7	4.7	493
	21-23	29.2			42.8						18.6	9.4	3.9	425
TOTALS		25.8			42.6						21.6	10.0	4.2	3952

SKY COVER

73478

SEP

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
SEP	00-02	41.8			24.0						14.2	20.1	4.0	359
	03-05	42.0			22.1						11.5	24.4	4.1	443
	06-08	24.4			30.3						16.3	29.1	5.3	509
	09-11	21.9			31.1						20.8	26.2	5.4	534
	12-14	20.8			32.6						26.0	20.6	5.4	534
	15-17	15.9			41.7						23.4	19.0	5.3	521
	18-20	21.8			42.2						18.5	17.5	4.7	464
	21-23	37.9			29.7						14.9	17.4	4.0	390
TOTALS		28.3			31.7						18.2	21.8	4.8	3754

FORM 0-9-5 (OL A)
JUL 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

23021

REESE AFB TX

73-78

QCT

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	61.2			15.2						9.8	13.8	2.7	369
	03-05	56.5			14.6						11.3	17.5	3.2	451
	06-08	44.0			23.8						15.0	17.1	3.8	525
	09-11	41.3			26.6						15.6	16.5	3.9	545
	12-14	40.8			29.5						15.6	14.1	3.7	546
	15-17	35.0			35.7						17.2	12.1	3.8	535
	18-20	41.0			33.7						15.5	9.8	3.4	490
	21-23	60.8			17.5						10.1	11.6	2.6	406
TOTALS		47.6			24.6						13.8	14.1	3.4	3867

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

SKY COVER

NOV

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	00-02	57.5			11.8						9.3	21.4	3.3	355
	03-05	54.8			16.0						5.9	23.3	3.3	407
	06-08	39.0			23.8						13.6	23.6	4.3	508
	09-11	29.4			27.1						18.6	24.9	5.0	531
	12-14	28.8			29.8						23.0	18.4	4.8	534
	15-17	26.5			34.9						20.6	17.9	4.7	524
	18-20	34.9			32.6						16.3	16.1	4.1	484
	21-23	55.0			16.1						12.3	16.6	3.2	398
TOTALS		40.7			24.0						15.0	20.3	4.1	3741

SKY COVER

DEC

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	00-02	59.2			15.5						8.2	17.1	2.9	368
	03-05	60.1			15.6						8.5	15.8	2.8	398
	06-08	43.4			27.5						12.9	16.2	3.6	488
	09-11	24.9			36.8						21.3	17.1	4.7	527
	12-14	26.9			33.8						21.0	18.3	4.7	524
	15-17	26.9			29.1						28.3	15.8	5.0	506
	18-20	35.7			29.1						19.4	15.8	4.2	443
	21-23	54.1			20.8						8.7	16.4	3.0	390
TOTALS		41.4			26.0						16.0	16.6	3.9	3644

FORM
JUL 64

FORM 0-9-5 (OL A)
1112 64

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

SKY COVER

23021

REESE AFB TX

73-79

ALL

STATION

STATION NAME

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	32.0			23.3						15.7	29.1	5.0	4443
FEB		29.9			25.9						15.4	28.9	5.0	4161
MAR		33.5			27.6						17.6	21.4	4.5	3821
APR		32.2			26.6						19.3	22.0	4.7	3706
MAY		29.6			33.0						20.1	17.4	4.5	3908
JUN		27.1			41.5						23.2	8.3	4.2	3813
JUL		19.0			46.1						23.2	11.8	4.7	3928
AUG		25.8			42.6						21.6	10.0	4.2	3952
SEP		28.3			31.7						18.2	21.8	4.8	3754
OCT		47.6			24.6						13.6	14.1	3.4	3867
NOV		40.7			24.0						15.0	20.3	4.1	3741
DEC		41.4			26.0						16.0	16.6	3.9	3644
TOTALS		32.3			31.1						18.3	18.5	4.4	46738

USAFETAC

FORM
JUL 64

0-9-5 (OL A)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

- * 1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperatures
 - b. Daily minimum temperatures
 - c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

- * 2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) * indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

* Values for means and standard deviations do not include measurements for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature spread vertically. Also provided for each of the dry-bulb intervals is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may be continued on several pages.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares (ΣX^2), sums of values (ΣX), means (\bar{X}), and standard deviations (σ_x). The number of observations used in the computation for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulation by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
- a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
- b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
23021 REESE AFB TX

DAILY TEMPERATURES

STATION REESE AFB TX

10-79

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
105						.7	.5						.1
100					1.2	8.0	4.6	1.8	.4				1.3
95				.3	5.1	27.0	26.4	16.8	4.6				6.9
90			.6	5.2	23.4	57.3	65.3	54.1	20.9	1.9			19.3
85		.5	2.5	17.8	44.5	79.2	84.6	78.3	45.3	15.3	.7		31.1
80	.7	2.5	10.5	34.8	65.4	91.8	94.3	91.1	66.5	35.0	3.7	.4	41.8
75	2.7	6.8	24.3	52.0	79.8	95.7	98.2	97.2	82.0	52.8	15.2	3.4	51.3
70	9.7	17.9	39.2	69.5	88.8	98.3	99.7	99.2	90.5	69.0	30.7	10.3	60.6
65	22.9	30.7	55.9	81.0	94.8	99.1	100.0	99.8	95.6	82.4	46.4	24.1	69.8
60	36.7	45.3	68.6	89.4	97.7	100.0		100.0	97.9	90.4	61.8	40.9	77.7
55	50.2	60.6	78.5	94.8	99.1				99.2	94.9	72.8	55.0	84.0
50	62.0	71.8	86.4	97.9	100.0				99.9	97.4	82.5	69.8	89.1
45	73.2	80.0	90.8	99.3					100.0	99.1	90.1	81.1	92.9
40	80.5	87.9	95.4	99.9						99.5	95.5	88.5	95.7
35	88.4	93.1	97.4							100.0	98.3	93.6	97.6
30	93.7	96.6	99.2	100.0							99.6	97.4	98.9
25	96.7	98.4	100.0								99.8	98.9	99.5
20	98.7	99.6									100.0	99.9	99.9
15	99.5	100.0										100.0	100.0
10	100.0												100.0
MEAN	52.7	56.6	64.4	74.2	81.9	89.7	90.5	88.9	82.1	73.9	61.8	55.1	72.7
S D	13.995	13.504	12.900	10.783	9.504	7.638	6.210	6.407	9.032	10.444	12.043	12.029	17.223
TOTAL OBS.	879	799	885	860	881	862	875	888	845	881	841	847	10343

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
23021 REESE AFB TX

DAILY TEMPERATURES

STATION REESE AFB TX

50-79

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MINIMUM

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
90						.1							.0
85					.2	.3							.0
80				.1	.3	.9	2.2	.3					.3
75			.1	.5	1.0	3.6	6.9	2.7	.9				1.3
70			.2	.7	3.9	18.8	33.0	15.9	3.7	.1			6.5
65	.1			3.1	13.4	57.0	83.5	68.6	22.1	2.3	.1		21.3
60	.3		1.0	8.6	35.5	84.9	98.5	95.0	54.6	9.0	.8		32.7
55	.5	.5	4.1	20.6	62.1	96.2	99.9	99.8	73.1	22.8	2.9	.2	41.0
50	1.0	2.0	9.8	42.4	83.2	99.4	100.0	100.0	91.7	44.4	7.8	1.3	49.0
45	2.5	6.1	19.8	62.3	94.4	100.0			97.9	69.4	18.3	4.3	56.7
40	8.0	14.8	36.4	81.5	98.0				99.8	88.4	36.4	11.3	65.0
35	17.6	30.3	59.8	92.8	99.5				100.0	96.6	59.9	22.3	73.6
30	24.8	37.2	66.6	95.3	99.9					98.3	68.5	30.6	77.2
25	37.7	51.6	77.4	98.0						99.5	80.3	47.2	82.9
20	59.4	71.6	90.5	99.8	100.0					100.0	91.0	73.6	90.6
15	77.6	87.1	95.8	100.0							97.0	89.6	95.6
10	89.8	94.5	99.1								99.0	96.0	98.2
5	95.4	98.1	100.0								99.4	99.1	99.3
0	98.3	99.5									99.6	99.8	99.8
-5	99.5	99.7									100.0	100.0	99.9
-10	99.9	99.9											100.0
-15	100.0	100.0											100.0
MEAN	26.4	29.7	36.6	47.4	55.3	65.0	68.2	66.1	59.4	48.5	36.6	29.2	47.5
S D	9.572	9.514	9.680	8.948	7.690	5.555	4.123	3.968	6.508	7.814	9.198	8.230	16.737
TOTAL OBS	879	799	885	860	881	862	875	888	845	881	841	847	10342

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC
23021 REESE AFB TX

DAILY TEMPERATURES

STATION NAME

50-79

YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

MEAN

TEMP (°F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG.	SEP	OCT	NOV	C	ANNUAL
95						.1							.0
90					.1	.2	1.1	.2					.2
85					1.0	10.2	11.2	3.8	.5				2.3
80			.1	.8	8.1	40.0	53.6	39.5	7.0				12.6
75			.3	4.9	25.7	73.9	87.4	76.7	34.3	3.0			25.8
70	.2		1.7	17.9	52.1	91.5	97.6	95.7	62.7	15.0	.5		36.6
65	.5	.9	7.7	36.0	76.4	97.2	99.7	99.4	82.8	36.9	2.7	.4	45.5
60	1.4	4.0	19.7	58.8	89.1	99.1	100.0	99.8	93.7	62.2	13.8	1.9	54.1
55	5.9	13.6	38.2	77.0	96.1	100.0		100.0	98.1	82.3	32.8	8.3	63.3
50	18.7	30.2	58.8	89.9	99.0				99.5	92.5	53.5	19.7	72.2
45	36.6	48.8	74.5	95.5	100.0				100.0	97.3	71.0	42.6	80.8
40	54.7	67.7	85.5	99.2						99.4	84.9	64.9	88.2
35	70.4	79.6	92.9	99.9						99.9	93.6	81.9	93.3
30	82.3	88.7	96.3	100.0						100.0	97.6	91.7	96.5
25	90.9	95.0	99.3								99.2	96.3	98.4
20	95.6	98.7	100.0								99.6	99.1	99.4
15	98.0	99.6									99.9	99.9	99.8
10	99.5	99.9									100.0	100.0	100.0
5	100.0	100.0											100.0
MEAN	39.8	43.4	50.8	61.0	69.4	77.6	79.6	77.7	71.0	61.4	49.5	42.4	60.3
S.D.	10.774	10.317	10.178	8.732	7.615	5.859	4.442	4.403	16.779	7.768	9.302	8.916	16.348
TOTAL OBS	879	799	885	860	981	862	875	888	845	881	841	847	10343

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MAXIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

23021 REESE AFB TX

50-79

STATION

STATION NAME

YEARS

WHILE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50			83	92	93	101	98	99	95	90	82	76	
51	73	82	80	91	100	104	102	99	98	93	80	76	104
52	80	73	80	88	98	102	97	101	96	91	85	71	102
53	78	73	86	89	102	103	100	101	100	91	78	68	103
54	75	80	83	91	91	99	101	98	95	91	80	80	101
55	70	74	83	90	97	101	98	99	92	86	79	80	101
56	77	81	85	92	94	101	100	97	98	91	81	71	101
57	77	80	77	87	87	104	100	99	92	88	73	72	104
58	69	72	76	88	101	100	104	96	93	89	79	80	104
59	74	78	81	95	95	101	94	99	95	89	77	68	101
60	69	74	82	90	98	103	98	95	96	88	80	67	103
61	68	79	82	91*	97	99*	94*	94*	92*	87*	77*	74	99
62	* 71*	85*	84*	90*	97*	96*	97*	99*	90*	89*	77*	75	* 99
63	* 75*	81*	90*	90*	95*	94*	98*	94*	92*	88*	80*	66	* 98
64	* 70*	63*	80	90*	96	99*	99	100*	92	88*	78*	76	100
65	* 71*	74	80	96*	94	95	98	94	97	90	82*	70	98
66	* 69	70	84	87*	97	98*	100	102*	89	87*	82*	77	102
67	* 79*	78	90	89	98	96	95	96*	95	88*	82*	71	98
68	* 74*	73	82	84	94	102*	94	95	93	90*	75*	70	102
69	* 80	75*	73	86*	96	102*	97	98*	87	90*	78*	78	102
70	* 80*	85	79	84*	94	105*	105	101*	100	88*	83*	78	105
71	* 75*	73	94	89	96	93*	100	93*	91*	85*	83*	78	* 100
72	* 81*	83	85	94*	89	102*	97	95*	89*	88*	71*	70	102
73	* 66*	73	77	85*	97	100*	100	100*	97*	92*	88*	76	100
74	* 81*	77	90	94*	102	102*	101	95*	92*	81*	79*	70	* 102
75	* 77	79	82	93	92	106	96	98	95	89	88	75	106
76	72	85	87	89	100	100	95	100	90	86	75	74	100
77	64	79	86	90	95	105	100	101	99	88	81	79	105
78	68	72	91	93	100	108	106	102	96	90	79	72	108
79	68	86											
MEAN	72.1	77.3	83.4	89.9	96.2	101.1	98.9	98.2	95.3	89.1	79.9	73.9	102.3
SD	4.612	4.653	4.537	3.191	3.930	3.313	3.211	2.608	2.687	1.754	3.549	4.543	2.193
TOTAL OBS.	879	799	885	860	881	862	875	888	845	881	841	947	10342

NOTES * (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

(AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

EXTREME VALUES

MINIMUM TEMPERATURE

(FROM DAILY OBSERVATIONS)

22021 REESE AFB TX

50-79

STATION

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
50			15	32	42	52	56	59	54	41	16	3	
51	3	-5	21	27	42	51	57	63	44	36	17	10	-6
52	21	15	15	27	42	58	54	62	50	32	18	14	14
53	16	14	21	30	37	53	57	61	51	38	22	7	7
54	12	24	17	31	33	52	61	64	51	35	28	4	4
55	17	11	17	31	49	47	64	58	53	31	19	18	11
56	13	5	19	33	48	60	63	55	51	35	19	18	5
57	12	20	26	27	28	54	61	61	48	33	1	18	1
58	14	9	15	32	46	56	60	61	46	38	19	11	9
59	0	15	23	28	46	56	59	60	44	36	10	19	3
60	9	-5	12	32	37	58	62	59	48	34	23	21	-5
61	10	21	25	32*	42	58*	58*	58*	49*	41*	27*	8	*
62	* -3*	7*	11*	32*	40*	57*	65*	54*	48*	40*	28*	18	* -3
63	* -9*	7*	20*	39*	46*	58*	63*	61*	42*	40*	22*	10	* -9
64	* 1*	14*	21	27*	45	46*	57	60*	43	35*	16*	10	* 1
65	* 16*	6	10	37*	48	57	60	60	45	37	24*	24	* 6
66	* -3	11	13	32*	40	55*	66	54*	50	29*	21*	9	* -3
67	* 8*	15	14	38	35	56	59	55*	41	32*	28*	17	* 8
68	* 11*	10	25	30	46	51*	62	57	43	31*	29*	11	* 11
69	* 12	11*	14	35*	42	53*	64	63*	54	29*	22*	10	* 10
70	* 9*	14	18	25*	33	47*	59	56*	43	26*	19*	20	* 9
71	* -3*	9	10	26	34	56*	59	59*	39*	41*	24*	19	* -3
72	* 7*	6	20	36*	42	55*	60	59*	42*	32*	20*	7	* 6
73	* 7*	19	32	23*	41	50*	65	58*	39*	34*	20*	7	* 7
74	* 6*	13	26	31*	46	51*	63	57*	46*	37*	19*	19	* 6
75	* 16	13	18	27	46	55	65	62	44	35	20	14	13
76	12	17	22	42	54	63	56	42	29	1	11		1
77	9	21	26	43	49	59	65	64	52	41	28	13	9
78	14	5	18	36	40	54	64	56	53	40	28	10	5
79	4	9											
MEAN	11.1	11.7	19.1	30.9	41.2	54.1	60.6	59.2	48.2	34.2	19.3	12.7	4.2
S D	5.535	9.218	5.600	4.255	6.093	3.802	3.280	2.894	3.988	4.093	8.284	5.470	5.946
TOTAL OBS.	879	799	885	860	881	862	875	888	845	881	841	847	10343

NOTES * (BASED ON LESS THAN FULL MONTHS)
(AT LEAST ONE DAY LESS THAN 24 OBS)
USAF ETAC FORM 0-88-3 (OLA) JUL 64

PSYCHROMETRIC SUMMARY

YEARS

MONIN

0000-7200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
54/ 53							.2											1	1					
52/ 51						.2	.3											3	3					
50/ 49						.5	1.2											5	5					
48/ 47			.2	.2	.2	.9	.2											5	5					
46/ 45				1.2	.9	.5												11	11					
44/ 43	.5	.2	.2	.2	1.7	.7												16	16	2				
42/ 41		.2	.8	.2	2.6	.5												17	19	2				
40/ 39		1.2	.7	1.7	1.7													22	22	14				
38/ 37		.2	1.4	1.7	2.4													24	24	22				
36/ 35		1.9	2.1	3.8	.5													35	35	12				
34/ 33	.7	.5	2.5	1.2	1.4													27	27	11				
32/ 31	.7	2.6	5.2	1.2	.2													42	42	17				
30/ 29		1.4	4.5	1.9	.5													35	35	13				
28/ 27		2.4	3.3	2.1														33	33	19				
26/ 25	.2	5.0	2.8	.9	.2													35	38	29				
24/ 23	.5	.5	1.9	1.2														17	17	35				
22/ 21	1.2	2.4	1.2	1.7														27	27	56				
20/ 19	2.1	2.8	1.7	.7														31	31	55				
18/ 17		3.1		.2														14	14	27				
16/ 15		.2																1	1	24				
14/ 13		.7	.2															4	4	26				
12/ 11		.2	.2															2	2	32				
10/ 9			.2															2	2	14				
8/ 7																				17				
6/ 5		.2																1	1	4				
4/ 3		.5																2	2	4				
2/ 1																				5				
0/ -1																				4				
-2/ -3																				1				
-4/ -5																				3				
-6/ -7																				5				
-8/ -9																				2				
-10/-11																				2				

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.												
Dry Bulb												
Wet Bulb												
Dew Point												

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL'A)

020

USAFETAC

PSYCHROMETRIC SUMMARY

JAN

MONTH

0000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

9-7, 73-79

JAN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
54/ 53	.2			.2														2	2	1	1			
52/ 51	.2	.2	.2															2	2	2	1			
50/ 49						.2	.2											2	2		1			
48/ 47					.4	.4	.2											5	5	2				
46/ 45		.5		.5	.5	.7	.4											15	15	1	1			
44/ 43	.4	.4	.2	1.2	.4	.5												17	17	4	5			
42/ 41	.2	1.1	.2	.9	.4	.4												17	17	3	4			
40/ 39	.2	.5	1.2	1.2	1.1	.7												28	28	14	4			
38/ 37		1.4	2.1	1.8	.2	.2												32	32	17	3			
36/ 35	.5	1.9	1.8	2.1	.5													39	39	37	7			
34/ 33	.4	1.4	4.2	1.8	.5													47	47	29	14			
32/ 31	.2	2.8	4.9	2.1	.4	.2												60	60	41	24			
30/ 29	1.1	2.3	4.2	1.4														51	51	65	23			
28/ 27	.5	3.5	1.8	.9														34	34	32	38			
26/ 25	1.1	3.7	2.5	.7														47	47	57	37			
24/ 23	.2	1.9	1.4	.2														21	21	38	52			
22/ 21	2.1	3.9	2.7	.2														59	59	43	54			
20/ 19	.7	4.6	1.8	.7														44	44	35	60			
18/ 17		2.3	.9	.2														19	19	31	39			
16/ 15		1.6		.4														11	11	24	43			
14/ 13		.2																1	1	12	30			
12/ 11	.2	.5																4	4	5	33			
10/ 9	.5	.9																8	8	8	28			
8/ 7	.2	.7																5	5	4	27			
6/ 5																				4	8			
4/ 3																					7			
0/ -1																					6			
-2/ -3																					5			
-4/ -5																					4			
-6/ -7																					2			
-8/ -9																					5			
TOTAL	8.7	36.4	39.4	16.4	4.2	3.2	.7											566	566		566			
																					566		566	
Element (X)	ΣX^2	ΣX	\bar{X}	σ^2	No. Obs.	Mean No. of Hours with Temperature							Total											
Rel. Hum.	2784249	38617	48.2	16.266	566	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	537837	16729	29.6	8.763	566		59.0					93												
Wet Bulb	428162	14920	26.4	7.855	566		72.8					93												
Dew Point	272059	11129	19.7	9.707	566	3.6	86.3					93												

FORM 0-26-5 (OL A) REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC JUL 64

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

23021
STATION

REESE AFB TX

STATION NAME

68-70, 73-79

YEARS

JAN
MONTH

PAGE 1

0600-0600
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
56/ 55		.2																2	2					
54/ 53		.3																4	4		5			
52/ 51		.4					.1											6	6		1			
50/ 49				.2		.2	.1											5	5		3			
48/ 47		.4		.1	.2		.1											7	7	1				
46/ 45		.1		.2	.2	.1	.1											7	7	4	3			
44/ 43	.4	.4	.4	.4	.4	.4	.4											17	17	7	3			
42/ 41	.1	1.5	.6	1.1	.4	.4												34	34	5	8			
40/ 39	.1	.9	2.6	.6	.7	.2												44	44	25	7			
38/ 37	.4	.4	1.4	1.5	.8													36	36	29	12			
36/ 35	.5	2.1	1.2	1.8	.2													49	49	43	13			
34/ 33	.8	2.0	3.2	2.2	.5													74	74	47	16			
32/ 31	.6	3.1	4.5	1.3	.1													81	81	56	36			
30/ 29	1.5	3.0	3.4	.5														71	71	81	53			
28/ 27	2.1	4.0	1.3	.9	.1													72	72	107	49			
26/ 25	.6	4.1	2.0	.6														62	62	80	56			
24/ 23	1.2	3.0	1.6	.4														53	53	61	58			
22/ 21	.7	3.1	1.9	.2														50	50	60	82			
20/ 19	.7	5.2	2.4	.1														71	71	48	100			
18/ 17	.9	3.2	.5	.1														46	46	65	60			
16/ 15		1.5	.8	.1														21	21	47	58			
14/ 13		.6																7	7	16	49			
12/ 11	.2	.5																6	6	13	24			
10/ 9	.9	1.5	.1															22	22	18	43			
8/ 7	.2	.2																4	4	9	33			
6/ 5	.2	.2																4	4	4	27			
4/ 3																				2	18			
2/ 1																					9			
0/ -1																					6			
-2/ -3																					2			
-4/ -5																					3			
-6/ -7																					5			
-8/ -9																					5			
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Ref. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

14.
MONTI

5637-02,00
HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021
STATION

REESE AFB TX
STATION NAME

8-70, 73-79
YEARS

JAN
MONTH

PAGE 1

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
72/ 71										.1				.1				2	2						
70/ 69													.1					1	1						
68/ 67											.1							1	1						
66/ 65									.1	.1								2	2						
64/ 63								.1	.1	.2								4	4						
62/ 61								.1	.1	.2	.2							6	6						
60/ 59			.2			.1	.1	.3			.1							8	8						
58/ 57		.1	.2				.1	.6	.2									11	11						
56/ 55		.2		.1		.4	.2	.7										15	15						
54/ 53		.3		.1	.3	.4	.8	.4										22	22						
52/ 51		.1	.2		.2	.9	.7	.7										26	26			4			
50/ 49		.1		.1	.9	1.5	.6	.2										29	29			4	2		
48/ 47		.2	.4	.2	.8	.8	1.1											32	32	12					
46/ 45		.6	.6	1.1	1.0	1.0	.8	.1										45	46	22		5			
44/ 43	.3	.7	.4	1.1	1.0	.9		.2										42	42	53		7			
42/ 41		.6	1.3	1.8	2.5	.4	.1											60	61	46		10			
40/ 39		.3	2.1	1.0	1.1	.7												47	47	45		15			
38/ 37	.7	1.0	1.2	1.9	1.0	.2												54	54	64		12			
36/ 35	.4	1.1	1.5	2.7	.6	.3												63	63	79		26			
34/ 33	.8	1.5	2.6	1.0	.7													58	58	79		29			
32/ 31	.6	1.9	1.8	1.0	.4													51	51	60		64			
30/ 29	1.5	1.1	2.1	1.3	.4	.1												59	59	81		69			
28/ 27	.4	3.1	1.2	1.5	.3													59	59	48		76			
26/ 25	.6	3.0	1.2	.7														51	51	59		65			
24/ 23	.6	1.8	.8	.2														30	30	65		72			
22/ 21	.3	2.6	.9	.4														40	40	44		76			
20/ 19		1.6	1.0	.1														24	24	39		85			
18/ 17	.1	1.0	.4	.2														16	16	20		57			
16/ 15		1.3	.4															16	16	20		44			
14/ 13	.1	.2																3	3	18		37			
12/ 11	.1	.6	.3															9	9	6		18			
10/ 9	.1	.2																8	8	1		31			
8/ 7																						25			
6/ 5		.1																1	1			16			
Element (X)	Σ X'		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature:														
Rel. Hum.											≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total								
Dry Bulb																									
Wet Bulb																									
Dew Point																									

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

USAFETAC

PSYCHROMETRIC SUMMARY

23021
STATE

72-73-79

JA
MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
4/ 3																					1	14			
2/ 1																						7			
0/ -1																						7			
-2/ -3																						4			
-4/ -5																						9			
-6/ -7																						2			
-8/ -9																						1			
TOTAL	6.6	26.1	21.5	16.7	11.2	7.6	4.5	3.5	.6	.7	.4		.1	.1				196	897		96				

PSYCHROMETRIC SUMMARY

JANE

YEARS

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
80/ 79													.1			.2	.3	6	6																
78/ 77												.2				.1		4	4																
76/ 75															.1	.1		1	1																
74/ 73										.1		.1	.2	.2	.1			7	7																
72/ 71											.2	.3	.3					8	8																
70/ 69							.1	.1		.1	.4	.4	.7					17	17																
68/ 67							.1		.1	.4	.3	.2	.2					13	13																
66/ 65					.1	.1		.1	.1	1.1	.7	.3						23	23																
64/ 63						.3	.2	.2	1.0	1.2	.6	.6						37	37																
62/ 61				.1	.1	.1	.8	.7	1.9	1.3	.6							50	50																
60/ 59			.3	.1	.3	.2	.3	1.1	1.2	.9	.1							42	42																
58/ 57			.1	.1	.1	.4	1.2	1.4	1.0	.3								42	42	3															
56/ 55					.4	.6	1.0	1.1	.8	.3								38	38	11															
54/ 53		.1	.1	.1	.1	.8	.9	1.3	.8	.1								43	43	4	5														
52/ 51				.2	.8	.8	1.3	1.1	.2	.2								42	42	22															
50/ 49		.1		.3	.3	.7	1.2	.7	.2	.1								37	37	23	4														
48/ 47		.3	.1	.2	.6	1.3	1.7		.4									42	42	63	5														
46/ 45		.3		.7	1.1	1.3	.8	.4	.1									40	40	74	10														
44/ 43		.8	.3	.9	1.1	.8	.6											42	42	74	6														
42/ 41		.4	.3	.4	.6	1.1	.4											32	32	98	20														
40/ 39	.2	.6	.2	.7	.6	1.4	.2											35	35	64	18														
38/ 37	.2	.7	.6	.4	1.2	.6												33	33	74	15														
36/ 35	.1	.2	.7	.8	1.3	.6												35	35	53	37														
34/ 33	.7	.9	.4	.9	.9	.2												37	37	32	46														
32/ 31	.4	1.9	1.2	1.1	.8	.4												53	53	61	61														
30/ 29	.4	1.1	.6	1.5	.1	.1												35	35	35	79														
28/ 27	.4	2.2	.7	.4	.1													35	35	59	58														
26/ 25	.1	1.4	1.0	.4	.1													29	29	44	88														
24/ 23		.3	.4	.2														9	9	42	70														
22/ 21	.1	.4	.7	.3														14	14	17	55														
20/ 19		.6	.4	.3														12	12	12	66														
18/ 17																																			

PSYCHROMETRIC SUMMARY

JAN

MONTH

1200-1400

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

4A-4

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L, S, T:)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

JA
MONTH

1500-1700

HOURS (L, S, T.)

[illegible]0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC FORM JUL 84

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1 1400=2000

HOURS (L - S - T - I)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
76/ 75											.1							1	1																
72/ 71											.1			.1	.1			2	2																
70/ 69											.1			.3	.3			5	5																
68/ 67												.1		.1				2	2																
66/ 65											.3	.3	.1	.1				8	4																
64/ 63								.1	.1	.1	.6	.3						11	11																
62/ 61					.1		.3	.3	.3	.1	.1							14	10																
60/ 59					.1	.1	.1	.7	.7	.8	.3		.1					21	21																
58/ 57				.1		.4	.5	.4	.7	.3	.3							29	29																
56/ 55					.7	.7	1.2	1.2	1.0	.1								37	37	1															
54/ 53		.1		.1	.3	1.3	1.3	.9	1.2									40	40	3															
52/ 51			.5	.3	.8	1.2	1.2	.1	.3									33	33	9															
50/ 49		.1	.4	.3	.9	1.2	2.0	.8	.5									47	47	7															
48/ 47			.3	.7	.4	1.6	1.3	.3	.1									37	37	23															
46/ 45		.3	.5	.8	1.2	2.0	1.0	.8										50	50	3															
44/ 43	.1	1.2	.5	.9	1.6	1.4	1.3	.5										53	50	1															
42/ 41		1.0	.8	1.2	1.4	1.2	.3	.1										48	48	17															
40/ 39		.7	.8	1.7	1.2	1.3	.1											43	43	20															
38/ 37		.5	1.0	.8	1.7	.7												36	36	27															
36/ 35		.8	1.2	.9	.8	.7												33	33	29															
34/ 33	.4	1.3	.9	.8	1.7	.3												41	41	72															
32/ 31	.7	2.6	1.8	1.2	1.2	.3												57	57	47															
30/ 29	.1	1.4	.7	1.8	.5	.1												34	36	41															
28/ 27	.1	1.7	.8	.3														22	22	62															
26/ 25		.8	.5	.1	.4													14	14	85															
24/ 23		.7	.3	.4	.1													13	13	56															
22/ 21		1.0	1.0															16	16	45															
20/ 19	.3	.3	.7															4	3	59															
18/ 17		.7	.1															6	6	94															
16/ 15		.4																3	3	25															
14/ 13		.3	.1															7	3	34															
12/ 11		.1	.1															2	2	43															
10/ 9		.4																3	3	21															
8/ 7																		1	1	18															
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F		≤ 32 F		≤ 67 F		≤ 73 F		≤ 80 F		≤ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

YEARS

14
MONTH

10.0-2.00
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
6/ 5																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																								

PSYCHROMETRIC SUMMARY

JA: 4

MONTH

2100-2300

HOURS 11 - 5 P.M.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	Dry Bulb	Wet Bulb	Dew Point				
62/ 61									.2										0	1				
60/ 59							.2												1	1				
58/ 57						.4	.2												2	3				
56/ 55								.2											1	1				
54/ 53		.2	.2		.2		1.0	.2											12	12				
52/ 51			.2	.4	.2	.6	.6	.2											11	11				
50/ 49			.2	.8	.4	1.0	.8	.2											17	17				
48/ 47				1.0	.6	1.0	.6												14	16				
46/ 45		.4	1.1	1.1	1.1	1.3		.2											29	29				
44/ 43		1.1	1.3	.8	1.3	1.3	.4												36	36				
42/ 41		1.0	1.0	.8	2.3	1.0	1.1												37	37				
40/ 39		1.1	.6	2.3	3.3	.8	.4												44	44				
38/ 37	.2	.4	.4	1.7	1.7	.4													25	25				
36/ 35		.2	1.1	2.3	2.1														34	34				
34/ 33	.6	1.0	2.2	1.3	1.0														35	35				
32/ 31	1.1	2.3	4.2	2.7	1.0														60	60				
30/ 29	.2	1.9	1.7	1.5	1.0														33	33				
28/ 27		1.1	1.7	2.8															30	30				
26/ 25	.6	2.9	1.3	.4															27	27				
24/ 23	.2	.6	.6	.8	.2														12	12				
22/ 21		1.9	1.5	.2	.2														20	20				
20/ 19	.6	1.3	1.7	.2															22	22				
18/ 17		1.0	.2																8	8				
16/ 15		.6	.2																4	4				
14/ 13			.6																3	3				
12/ 11																								
10/ 9																								
8/ 7		.4																	2	2				
6/ 5		.2																	1	1				
4/ 3																								
2/ 1																								
0/ -1																								
-2/ -3																								
-6/ -7																								
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

143

MONTI-

2100-2300

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point													
-8/-9																						3												
TOTAL	3.6	20.5	22.6	21.3	17.0	8.0	5.0	1.5	.2											522	522	522												
Element (X)	Z _X ²	Z _X	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total																						
Rel. Hum.	1983672	30742	58.9	16.232	522	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	93																						
Dry Bulb	695128	18380	35.2	7.594	522		39.2					93																						
Wet Bulb	505096	15704	30.1	7.917	522		59.1					93																						
Dew Point	282927	10989	21.1	9.951	522	2.3	80.5					93																						

0-26-5 (OLA)

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

JA
MONTH

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
14/ 13	.0	.3	.1															23	23	34	291				
12/ 11	.1	.2	.1															24	24	36	264				
10/ 9	.2	.6	.1															43	49	46	233				
8/ 7	.1	.1																11	11	25	171				
6/ 5	.0	.1																7	7	9	97				
4/ 3		.0																2	2	7	79				
2/ 1																					53				
0/ -1																					39				
-2/ -3																					22				
-4/ -5																					29				
-6/ -7																					19				
-8/ -9																					17				
-10/-11																					2				
TOTAL	5.3	23.7	18.7	13.9	10.2	7.6	6.2	4.2	3.2	2.8	1.7	.9	.8	.3	.1	.2	.1		5806	5806	5806				

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

23021 REESE AFB TX

75-76

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
62/ 61									.2											1	1			
60/ 59					.2	.7	.5													6	6			
58/ 57					.5	.2	.2	.2	.2											4	4			
56/ 55				.5	.2	.2	.2	.2	.2		.2									7	7			
54/ 53				.2	.2	.2	.2	.5	.2		.2									7	8			
52/ 51					.2	.2	.5		.2											5	5	4		
50/ 49				.2		.5	.5	.7	.5											10	10	4		
48/ 47		.7		.9	.2	.2	2.1	.2	.9											23	23	7	3	
46/ 45	.3	.2		.2	.7	.5	.9													13	13	8	4	
44/ 43			.5	1.7		2.1	1.4		.5											24	20	4	6	
42/ 41	.7	.7	2.1	.9	2.1	1.4	.7													37	37	15	8	
40/ 39		1.7	1.7	1.4	.9	1.7	.2													32	32	22	5	
38/ 37	1.4	1.7	1.7	1.7	2.1															34	30	29	10	
36/ 35	.5	2.6	2.6	.9	1.4		.5													34	30	40	14	
34/ 33	1.2	1.4	2.8	1.2			.2													29	29	53	16	
32/ 31	2.6	6.9	3.3	.5	.2	.2														59	59	63	42	
30/ 29	.9	2.1	1.2	.2																19	19	55	30	
28/ 27	.2	2.8	.5																	17	17	37	29	
26/ 25	1.7	1.9	.5	.2																18	10	27	30	
24/ 23		2.1	.7	.5																14	14	12	32	
22/ 21	.2	1.4	.2																	8	8	16	34	
20/ 19		.2																		1	1	7	38	
18/ 17		1.2																		5	5	2	32	
16/ 15		.2																		1	1	4	28	
14/ 13		.5																		2	2		12	
12/ 11		.2																		1	1	2	10	
10/ 9																						1	8	
8/ 7		.5																		2	2	1	8	
6/ 5		.2																		1	1	2	4	
4/ 3																							4	
2/ 1																							2	
0/ -1																							1	
-4/ -5																							2	
-6/ -7																							1	
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REESED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

FEA
MONTH

0000-0200

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-8/-9																								
TOTAL	10.229.4	13.211.4	9.2	6.1	6.3	1.7	3.1			.5									422	422	422			
Element (X)	Σ x'	Σ x	x̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total												
Rel. Hum.	1979662	27222	64.5	22.997	422	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	607485	15513	36.8	9.402	422		29.5					84												
Wet Bulb	450948	13462	31.9	7.147	422		46.0					84												
Dew Point	280897	10093	23.9	9.687	422	1.4	70.9					84												

USAFETAC FORM 0-26.5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

..8-70, 73-79

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STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

1973-79

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0600-0000

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
58/ 57						.1	.1											2	2			
56/ 55		.1			.1													2	2			
54/ 53		.1																1	1	1	1	
52/ 51	.3	.3		.1				.4										3	3	4	3	
50/ 49			.1	.1	.1		.5	.1										3	3	2	2	
48/ 47	.1	.1	.1	.1	.1	.4	.3		.1									11	11	3	1	
46/ 45	.4	.6	.3	.3	.3	.4	.3	.2										21	21	7	5	
44/ 43	.1	.9	.4	.9	.6	.5	.4											31	31	7	2	
42/ 41	.3	.9	1.2	1.2	1.3	.4	.4											44	44	17	11	
40/ 39	1.2	1.7	1.4	1.6	.3	.2												46	46	36	17	
38/ 37	1.0	1.0	1.4	.9	.0	.4	.3											46	46	42	23	
36/ 35	.6	1.9	1.7	.8	2.1													56	56	54	22	
34/ 33	2.5	3.9	3.2	1.7	1.0		.1											96	96	73	14	
32/ 31	2.6	4.4	3.7	1.3	.5													97	97	82	71	
30/ 29	2.2	3.4	2.1	.3	.2													63	63	96	52	
28/ 27	1.0	3.9	1.3	.1	.1													50	50	97	58	
26/ 25	1.3	3.9	.6	.5														50	50	67	69	
24/ 23	1.6	2.2	1.3	.3														41	41	66	53	
22/ 21	.1	3.1	.9	.1														33	33	28	75	
20/ 19	.3	3.2	.5															31	31	40	60	
18/ 17	.3	1.0	.6															15	16	23	51	
16/ 15	.1	.4	.1															5	5	14	46	
14/ 13	.5	.8	.1															11	11	10	40	
12/ 11		.4	.2															5	5	7	36	
10/ 9		.1																1	1	5	20	
8/ 7		.3																2	2	4	8	
6/ 5																					8	
4/ 3																					8	
2/ 1																					3	
0/ -1																					5	
-2/ -3																					1	
-4/ -5																					4	
-6/ -7																					3	
-8/ -9																					1	
Element (X)	ΣX^2		ΣX		\bar{X}		σ^2		No. Obs.		Mean No. of Hours with Temperature							Total				
Rel. Hum.											≤ 0 F	≤ 32 F	≤ 67 F	≥ 73 F	≥ 80 F	≥ 93 F						
Dry Bulb																						
Wet Bulb																						
Dew Point																						

FORM 0-26-5 (OL A) REISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64
USAFETAC

PSYCHROMETRIC SUMMARY

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YEARS

MONTH

0600-0600

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

8-70, 73-79

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STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS. (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

FEAR

09JG-1100

HOURS (L, S, T, N)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
6/ 5																						6													
4/ 3																						3													
2/ 1																						2													
-2/ -3																						2													
-4/ -5																						2													
-6/ -7																						1													
TOTAL	9.6	21.6	14.4	13.1	10.6	9.4	6.1	5.5	3.2	2.1	1.7	.8	.6	.1				812	821	812	819														

PSYCHROMETRIC SUMMARY

YEARS

FFR

MONTH

1230-1400

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

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MOYIN

1200-1400

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
18/ 17		.4																	3	3	2	48													
16/ 15																					3	36													
14/ 13																						19													
12/ 11																						18													
10/ 9																						8													
8/ 7																						4													
6/ 5																						8													
4/ 3																						2													
2/ 1																						2													
0/ -1																						1													
-4/ -5																						2													
TOTAL	4.2	12.7	9.4	6.2	6.0	7.9	9.2	0.3	7.6	0.8	0.2	3.3	3.4	3.2	1.7	.6	.7		834	834	834														

PSYCHROMETRIC SUMMARY

FEB

YEARS

MONEY:

1500-1700
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

68-70, 73-79

FE3

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1500-1700
HOURS-(L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021 REESE AFB TX

8-70, 73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point															
80/ 79														.1		.4		4		4																	
78/ 77																.1		1		1																	
76/ 75										.1	.1			.1	.1			4		4																	
74/ 73										.1			.1	.4	.2	.1		8		8																	
72/ 71									.1		.1	.1	.7	.7				5		5																	
70/ 69									.3		.4	.7	.6					14		14																	
68/ 67							.1		.3		.6	.4	.7					15		15																	
66/ 65							.1		.3	.3	.4	1.3	.6					21		21																	
64/ 63								.2	.6	.8	.8	1.0	.4					22		22																	
62/ 61						.1	.1	.4	.6	.4	.8	.7	.3					19		19																	
60/ 59				.1		.3	.3	.1	.7	.7	.7	.3						23		23																	
58/ 57			.3	.1	.3	.4	1.4	.7	1.4	.8	.7	.1						45		45																	
56/ 55					.4	.6	1.0	1.0	1.5	1.6	.6							49		49																	
54/ 53		.1	.3		.3	.7	.8	.8	1.1	.6	.1							35		35																	
52/ 51		.1	.3	.3	.6	1.0	1.7	2.2	.4	.1								48		48																	
50/ 49		.3	.3	.3	.7	1.9	1.4	1.0	.6									47		47																	
48/ 47		.7	.7	.8	1.3	1.3	1.9	.4	.4	.1								57		57																	
46/ 45		.4	.3	.8	1.5	1.3	.6	.8	.1									42		42																	
44/ 43		1.0	.7	1.3	1.1	1.4	.3	.1										42		42																	
42/ 41	.1	.6	1.5	1.0	1.1	.8	.3	.4										44		44																	
40/ 39		1.0	.9	.7	.4	.3	.1											24		24																	
38/ 37	.1	1.3	1.0	.6		.1												22		22																	
36/ 35	.2	1.9	.8	1.0	.1	.4												31		31																	
34/ 33	.4	.6	.6	.7														18		18																	
32/ 31	.6	1.6	1.3	.1														27		27																	
30/ 29	.6	.6	.4		.1													12		12																	
28/ 27	.6	1.1	.3															14		14																	
26/ 25	.1	.6	.3															7		7																	
24/ 23	.4		.3															5		5																	
22/ 21		.1																1		1																	
20/ 19	.1	.1																2		2																	
18/ 17		.6																4		4																	
16/ 15																																					
14/ 13		.1																1		1																	
Element (X)	Σ X ²					Σ X					X					σ _x					No. Obs.					Mean No. of Hours with Temperature											
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 0-26.5 (OL A) REVISD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

245

MONTH

1800-2000

HOURS: 11 - 5 - 7

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

R-73, 73-79

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30		≥ 31	Dry Bulb	Wet Bulb
68/ 67								.2	.4									3	3	
64/ 63						.4		.4	.2									5	5	
62/ 61						.2		.2										3	3	
60/ 59					.4		.2		.4	.9	.2							10	10	
58/ 57						.2	.4	.2	.5	.2	.4	.4	.2					6	6	
56/ 55						.2	.4	.2	.5	.4	.5							15	15	
54/ 53		.2			.5	.2	.4	1.1	.9	.9								22	22	4
52/ 51					.4	.5	.4	1.4	1.1	.2								22	22	5
50/ 49		.2	.2	.5	.7	.5	.9	1.4	.9									30	30	4
48/ 47	.2	.4	.4	.9	1.2	1.2	1.6	.7	.2									38	38	7
46/ 45		.7	.2	1.1	1.2	1.6	1.4	.7	.4									41	41	9
44/ 43		.7	.7	1.8	2.0	2.3	.2	.2										44	44	16
42/ 41	.5	1.4	1.6	1.8	2.5	1.6	1.1	.2										60	60	40
40/ 39		1.8	2.1	2.1	2.1	.5	.4	.5										54	54	45
38/ 37	.5	1.6	1.4	1.8	1.1	.2	.2	.2										39	39	72
36/ 35	1.6	2.5	2.1	1.8	.2	.4												48	48	39
34/ 33	.7	1.6	.4	1.1	.4													23	23	32
32/ 31	1.1	2.3	1.4	.4	.4	.4												33	33	63
30/ 29	1.4	1.8	.4	.2	.2													22	22	38
28/ 27	.7	1.4	.5															15	15	37
26/ 25	1.2	.4	.2															10	10	20
24/ 23	.2	.5																4	4	12
22/ 21	.4	.2																3	3	7
20/ 19		.4																2	2	63
18/ 17		.7																4	4	2
16/ 15																			4	22
14/ 13		.2																1	1	14
12/ 11		.2																1	1	14
10/ 9																			1	12
8/ 7		.4																2	2	15
6/ 5																				9
4/ 3																				3
2/ 1																				2
0/ -1																				3
Element (X)	ΣX ²		ΣX		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature									
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																				
Wet Bulb																				
Dew Point																				

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

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MONTH

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
-4/-5																						1										
-6/-7																						2										
-8/-9																						3										
TOTAL	8.6	19.4	11.6	13.4	13.4	10.3	6.8	7.7	5.0	2.7	1.1	.2							561		561											
																			561		561											
Element (X)	Σx^2	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total																				
Rel. Hum.	2137895	21829	56.7	24.350	561	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																					
Dry Bulb	1003153	23137	41.2	9.347	561		14.5	.4				84																				
Wet Bulb	692065	19371	34.5	6.436	561		28.0					84																				
Dew Point	385556	13650	24.3	9.768	561	1.3	67.4					84																				

PSYCHROMETRIC SUMMARY

٤٨-٧٠, ٧٣-٧٩

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

[illegible]

0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

FEB

MONTH

ALL

HOURS (L, S, T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021 REESE AFB TX 7, 69-70, 73, 75-78 MAR
STATION STATION NAME YEARS MONTH
PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
70/ 69																		1	1						
66/ 65							.3		.5		.3							4	4						
64/ 63								.3	.8									4	4						
62/ 61						.5		.3	.3	.5	.8	.8						12	12						
60/ 59				.3				.5	.5		.3							6	6						
58/ 57			.5	.5				.3	.6		.3							9	9						
56/ 55		.3		.3	.3	.8	1.3	.8	1.3									19	19						
54/ 53			1.1	1.3	.5			2.6	.3	.8								25	25	6					
52/ 51			.5	.3	1.1	.5	1.8	1.3	1.6									27	27	4	3				
50/ 49					1.3	1.1	1.3	.5	.5	.3								19	19	11					
48/ 47		.3		.5	.3	1.3	1.1	.8	.5									18	18	11	6				
46/ 45			1.3	2.4	1.6	2.4	2.6	1.3	.3									45	45	13	4				
44/ 43		.3	.8	2.1	2.9	1.1	1.6	.8										36	36	11	7				
42/ 41		1.1	1.6	1.1	1.1	.8	.8											24	24	35	3				
40/ 39		.8	1.3	1.1	.5	1.6	1.3											25	25	47	8				
38/ 37	.3	1.6	.8	1.1	1.1	.5	.8											23	23	39	8				
36/ 35	.3	1.8	1.8	1.3	1.8	.8												30	30	51	20				
34/ 33	.3	.3	.8	1.1	1.1													13	13	43	27				
32/ 31			1.8	.5	.5	.3												12	12	25	25				
30/ 29		2.4	.3	1.1														14	14	24	18				
28/ 27	.3	.8	.3															5	5	32	21				
26/ 25	.3																	1	1	14	33				
24/ 23	.3																	3	3	8	34				
22/ 21	.3																	1	1	2	33				
20/ 19	.3	.8																4	4	1	18				
18/ 17																				3	14				
16/ 15																					25				
14/ 13																					21				
12/ 11																					23				
10/ 9																					9				
8/ 7																					6				
6/ 5																					9				
4/ 3																					3				
2/ 1																					1				
Element (X)	Σ X'		Σ X		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature						Total								
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

MAR

YEARS

0000-5200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR

YEARS

0300-0500

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	> 31	Dry Bulb	Wet Bulb	Dew Point														
68/ 67										.4								2	2															
66/ 65									.2									1	1															
64/ 63		.2					.2		.2	.6								6	6															
62/ 61							.2		.2	.2	.2							3	3	1														
60/ 59				.2	.2	.2		.6	.2									7	7	1														
58/ 57		.6	.4	.2	.2	.4	.4			.6								17	17															
56/ 55		.4	.2	.2	.2	.6	.2	.4		.4								14	14	4														
54/ 53		1.1	.9	.4	.4	.4	.2	.2		.4								20	20	4														
52/ 51		.6		.4	.6	.6	.6	.4										14	14	18														
50/ 49	.2	.8	.2	.4	.8	1.1	1.5	.6										29	29	16														
48/ 47	.4	.9	.6	.9	.9	.9	.2	.8										25	25	14														
46/ 45		1.3	.9	.9	.9	1.3	1.1	.8										39	39	17														
44/ 43	.2	.8	.9	1.9	1.1	2.3	1.7											47	47	19														
42/ 41	.2	1.3	1.3	1.1	1.5	.8	.8											37	37	26														
40/ 39	.2	.8	2.6	1.3	.2	1.1												33	33	42														
38/ 37		2.4	3.0	1.5	3.0	1.9												63	63	37														
36/ 35	.6	2.6	1.5	.6	1.5	.6												39	39	60														
34/ 33	1.3	3.0	.4	1.1	.8	.2												36	36	66														
32/ 31		1.3	.6	1.3														17	17	55														
30/ 29	.2	1.9	1.5	1.5														27	27	34														
28/ 27		2.3	.6	.2														16	16	42														
26/ 25	.2	1.5	.4		.6													14	14	31														
24/ 23	.9	.8																9	9	21														
22/ 21	.2	.4	.2															4	4	7														
20/ 19		1.3																7	7	31														
18/ 17	.6	.2																4	4	11														
16/ 15		.2																1	1	24														
14/ 13		.2																1	1	1														
12/ 11																				1														
10/ 9																				32														
8/ 7																				5														
6/ 5																				11														
4/ 3																				2														
-2/ -3																				3														

||
||
||

PSYCHROMETRIC SUMMARY

MAR

MONTH

0300-0500

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR

MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR

MONIN

0600-0800

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

67-70, 73-78

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																		
86/ 85																	.1	1																				
82/ 81												.1					.1	2																				
80/ 79											.1				.1		.1	4																				
78/ 77									.1			.1	.1		.1	.1	.1	6																				
76/ 75									.1		.1	.1	.4	.2	.2	.1		11																				
74/ 73										.1		.1	.2	.4	.2			10																				
72/ 71						.1	.2	.1	.1	.3	.3	.3	.3	.2	.1			18																				
70/ 69						.1	.1	.1	.4	.1	.3	.3	.3	.2				14																				
68/ 67			.1	.1	.2	.4	.3	.1	.6	.4	.6	.3	.4	.3				21																				
66/ 65		.1	.1	.2	.4	.3	.1	.6	.4	.6	.3	.1	.1					31																				
64/ 63		.1	.2	.3	.1	.1	.2	.8	.6	.3	.2	.2						27																				
62/ 61		.1	.4	.4	.2	.3	.7	1.0	.8	.7	.8							49																				
60/ 59		.2	.7	.3	.3	.7	1.0	1.0	.7	.7	.2							52																				
58/ 57		.7	.9	.8	.7	1.0	.8	.9	.6	.6	.1							62																				
56/ 55		.3	.4	.4	1.4	1.0	1.1	.4	1.3	.2								61																				
54/ 53		.1	.6	.6	.8	1.3	1.0	.7	.7	.6								56																				
52/ 51		.2	.6	.6	1.1	1.7	.6	.7	.3	.2								53																				
50/ 49		.2	1.0	.9	2.1	.8	.8	.8	.1									60																				
48/ 47	.1	.6	.7	1.2	1.8	.6	1.2	.4										59																				
46/ 45	.1	1.3	.9	.8	.9	.7	.3	.1	.1									47																				
44/ 43	.1	.9	.8	1.4	.4	.7	.1											36																				
42/ 41	.2	.4	.9	.8	.9	.2												31																				
40/ 39	.1	.4	.8	.8	.7	.6												30																				
38/ 37	.1	.4	1.3	.6	.7	.1												31																				
36/ 35	.2	.7	.7	.6	.3													22																				
34/ 33	.1	.3	.7	.7	.1													21																				
32/ 31	.1	1.3	1.0	.3														25																				
30/ 29		1.1	.6	.6														20																				
28/ 27		1.3	.2	.1														15																				
26/ 25		.2	.2	.1														5																				
24/ 23		.4	.3															7																				
22/ 21		.2																2																				
20/ 19		.6	.2															7																				
18/ 17																		7																				
Element (X)	Σ X'		Σ X		X		X		X		No. Obs.		Mean No. of Hours with Temperature							Total																		
Rel. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																				
Dry Bulb																																						
Wet Bulb																																						
Dew Point																																						

FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

0900-1100

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR

MONTH

1200-1400

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

MAR
MONTH

PAGE 2 1200-1400
HOURS (L. S. T.)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

67-70, 73-78

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
92/ 91																		.2	2	2																	
90/ 89																		.6	5	5																	
88/ 87																		.4	4	4																	
86/ 85																.1	.3	1.3	16	16																	
84/ 83																.4	.7	.7	16	16																	
82/ 81																.4	.3	1.0	16	16																	
80/ 79												.2				.4	1.8	.4	28	28																	
78/ 77					.1			.1			.1	.1	.6	1.1	2.0	.6	.2		44	44																	
76/ 75					.1			.4	.1	.4	.8	1.0	1.8	1.5	.2				57	57																	
74/ 73					.1	.2		.3	.2	.2	.2	.6	.8	1.5	.6				42	42																	
72/ 71					.1				.4	.2	.6	1.2	1.2	1.3	.2				48	48																	
70/ 69					.3	.2	.3	1.0	.3	.3	.4	1.5	.6	1.1					55	55																	
68/ 67				.1	.3	.1		.2	.9	.7	1.2	1.7	1.3						59	59																	
66/ 65				.3	.1	.2	.4	.3	.2	1.0	1.5	1.7	.3						55	55																	
64/ 63					.2	.6	.3	.6	1.6	1.2	.7	.6	.4						55	55																	
62/ 61					.1	.4	.4	2.0	1.5	.9	.8	.2							57	57																	
60/ 59				.1	.2	.4	.3	1.2	1.0	.2	1.1	.4							46	46																	
58/ 57			.2		.2	.3	.6	1.7	.4	.6		.2							38	38																	
56/ 55				.2		.7	.9	.6	.2										23	23																	
54/ 53			.2	.3	.6	.1	.1	.7	.9	.4									30	30																	
52/ 51		.2	.1	.3	.3	.4	.2	.7	.6	.1									27	27																	
50/ 49		.4	.3	.2	.9	.2	.9	.9	.4										39	39																	
48/ 47		.2	.3	.3	.6	.6	.2												20	20																	
46/ 45			.1		.6	.4	.1	.1											12	12																	
44/ 43		1.0	.3	.1		.3	.1												17	17																	
42/ 41		.1	.4	.3	.1	.3	.1												13	13																	
40/ 39			.2	.3	.6	.3													13	13																	
38/ 37		.2		.6	.1	.2													10	10																	
36/ 35	.1		.4	.1	.1														7	7																	
34/ 33	.1	.6	.7	.1															13	13																	
32/ 31		.9	.6	.3															16	16																	
30/ 29		.3	.6																8	8																	
28/ 27		.1																	1	1																	
26/ 25																																					
Element (X)	$\Sigma X'$					ΣX					\bar{X}					σ_x					No. Obs.					Mean No. of Hours with Temperature											
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 0-26-5 (OL A) JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

MAR

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

MAR

MONTH

1800-2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-78

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1800-2000

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

67-70, 73-78

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point							
78/ 77												.2						1	1								
76/ 75														.2				1	1								
72/ 71							.2	.2	.2	.2		.2						5	5								
70/ 69								.4	.2	.5	.2	.2	.2	.2				9	9								
68/ 67						.2		.4	.2	.4	.2	.2	.5	.4				13	13								
66/ 65					.2					.5	.4							6	6								
64/ 63				.2	.2	.2	.2	.4	1.1	.5	.4	.9						22	22								
62/ 61		.4		.4	.4	.4	.2	.2	.5	.5	1.4	.4						26	26								
60/ 59			.2		1.1	.5	.5	.2	.5	.7	.2							22	22	3							
58/ 57		.4	.5	.4	.5	.4	.7	.5	.2	2.0	.5							34	34	6	2						
56/ 55			.4	.4	.7	.4	1.6	.7	1.4	.5	.9							39	39	7							
54/ 53			.5	.5	.7	1.6	1.3	2.0	1.3	1.3	.2							53	53	14	6						
52/ 51				.4	1.3	1.6	.7	1.6	.9	.7								40	40	18	6						
50/ 49		.2	.4	.4	1.4	2.2	1.3	1.3	.9	.2								45	45	18	3						
48/ 47		.4	.5	.5	1.4	1.6	.7	1.1	1.1									41	41	30	10						
46/ 45		.5	.5	1.4	1.1	1.1	.9	.7	.2									36	36	24	14						
44/ 43		.2	1.1	2.2	.4	.7	.4	.2										28	28	57	8						
42/ 41		.7	.9	1.1	.9	.5	.2	.2										25	25	62	16						
40/ 39		.7	.5	1.1	1.4	1.6	.7											34	34	73	11						
38/ 37	.2	.9	1.6	.9	.4	.4												24	24	61	13						
36/ 35		.4	.4	.4	1.4													14	14	46	35						
34/ 33		.7	.2	.2	.2													7	7	47	33						
32/ 31		1.6	.9	.4														16	16	32	56						
30/ 29		.4	.4															4	4	24	34						
28/ 27	.2	.7																5	5	23	35						
26/ 25	.2	.2																2	2	6	38						
24/ 23	.2																	1	1	2	24						
22/ 21		.4																2	2		35						
20/ 19		.2																1	1	2	29						
18/ 17																				1	23						
16/ 15																					23						
14/ 13																					40						
12/ 11																					17						
10/ 9																					12						
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																											
Wet Bulb																											
Dew Point																											

FORM 0-26-5 (OL A) - REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

MÔN TH

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
8/ 7																					10	
6/ 5																					10	
4/ 3																					8	
2/ 1																					3	
0/ -1																					2	
TOTAL	.7	8.8	9.C	10.6	13.7	12.9	9.5	9.9	8.5	7.6	5.2	2.2	.7	.7					556	556	556	

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-78

YEARS

PAGE 1

MAR

MONTH

A11-

HOURS (L, S, T.)

					TOTAL			
					D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point

STATION

STATION NAME

Temp. (F)

92/ 91

90/ 89

88/ 87

86/ 85

84/ 83

82/ 81

80/ 79

78/ 77

76/ 75

74/ 73

72/ 71

70/ 69

68/ 67

66/ 65

64/ 63

62/ 61

60/ 59

58/ 57

56/ 55

54/ 53

52/ 51

50/ 49

48/ 47

46/ 45

44/ 43

42/ 41

40/ 39

38/ 37

36/ 35

34/ 33

32/ 31

30/ 29

28/ 27

26/ 25

0

1 - 2

3 - 4

5 - 6

7 - 8

9 - 10

11 - 12

13 - 14

15 - 16

17 - 18

19 - 20

21 - 22

23 - 24

25 - 26

27 - 28

29 - 30

≥ 31

WET BULB TEMPERATURE DEPRESSION (F)

0

0.1

0.2

0.3

0.4

0.5

0.6

0.7

0.8

0.9

1.0

1.1

1.2

1.3

1.4

1.5

1.6

1.7

1.8

1.9

2.0

2.1

2.2

2.3

2.4

2.5

2.6

2.7

2.8

2.9

3.0

3.1

3.2

3.3

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18.0

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19.0

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30.0

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34.0

34.1

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34.9

PSYCHROMETRIC SUMMARY

YEARS

MONTH

ALL

HOURS (L, S, T.)

Temp. (F)	WET-BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
24/ 23	.2	.3	.1	.0														33	33	85	362				
22/ 21	.1	.3	.1															31	31	38	368				
20/ 19	.0	.5	.0															35	35	28	295				
18/ 17	.1	.1	.0															9	9	36	296				
16/ 15		.1																6	6	5	251				
14/ 13		.1																3	3	5	214				
12/ 11																				3	139				
10/ 9																					91				
8/ 7																					54				
6/ 5																					39				
4/ 3																					23				
2/ 1																					6				
0/ -1																					3				
-2/ -3																					2				
-4/ -5																					3				
-6/ -7																					1				
TOTAL	1.6	13.9	10.6	9.2	10.1	9.3	8.2	7.6	6.3	4.8	4.4	3.9	2.0	2.9	1.8	1.3	1.4	5785	5785	5785	5785				

PSYCHROMETRIC SUMMARY

APR

PAGE 1 0000-0200
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR
MONTH

PAGE 2 0000-0200
NORRIS (L. S. F.)

[illegible]

FORM 0-26.5 (OLA) LIMITED-PURPOSE EDITIONS OF THIS FORM ARE OBSOLETE

USAFÉTAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021 REESE AFB TX STATION NAME

7-70, 73-78 YEARS

APR MONTH

PAGE 1 0300-0500 HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
74/ 73					.6																												3				
72/ 71					.2																												1				
70/ 69				.8	.2																												5				
68/ 67			.9	.6	.2																											9		3			
66/ 65		.2	2.3	.6	.4	.4		.2																								23	23	1			
64/ 63			.8	.4	.4			.4							.2																	11	11	14	3		
62/ 61		.4	1.3	.2	1.1	.8	.6	.2		.4	.4																					28	28	18	14		
60/ 59		2.2	.2	.9		.4			.2	.6																						22	22	5	11		
58/ 57	.2	1.5	.4	.8	1.1	.6	.2	.4	.8																							31	31	25	18		
56/ 55	.4	2.5	.9	1.1	2.3	1.3	1.1	.6	.4	.2																						57	57	20	22		
54/ 53	.4	1.5	1.7	1.3	2.5	1.1	.8	1.1	.4	.2																						58	58	25	19		
52/ 51	.2	2.3	2.5	.6	1.1	1.1	.6	1.1	.6																							53	53	24	19		
50/ 49		.8	1.3	.4	.9	.6	.6	.8																								27	27	46	19		
48/ 47	.6	1.5	2.3	1.1	.4	1.3	1.5	.2	.2																							49	49	50	25		
46/ 45	.8	.4	1.1	.9	.6	1.1	1.3																									30	30	36	29		
44/ 43	.2	.6	.6	.8	1.3	.6																										22	22	45	29		
42/ 41		.8	1.3	.9	.9	.8		.2																								26	26	31	25		
40/ 39	.9	1.5	.2	.6	.6		.2																									22	22	37	33		
38/ 37	.4	.6	.4	1.5	.6																											18	18	45	33		
36/ 35	.2	.2	.8	1.1	.2																											13	13	36	20		
34/ 33		.4	.2	.4																												5	5	19	13		
32/ 31		.2	.2	.4																												4	4	21	25		
30/ 29		.4	.2																													3	3	11	10		
28/ 27		.6		.2																												4	4	7	18		
26/ 25		.4	.2																													3	3	4	23		
24/ 23																																			2	24	
22/ 21																																			2	28	
20/ 19																																				27	
18/ 17																																				14	
16/ 15																																				14	
14/ 13																																				6	
12/ 11																																				2	
10/ 9																																				1	
4/ 3																																				3	
Element (X)	Σ x ²			Σ x			Σ			Σ x			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total															
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 0-26-5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC JUL 64

PSYCHROMETRIC SUMMARY

APR

PAGE 2 0300-0500
HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

APR

PAGE 1 0600-0800
HOURS (L, S, T:)

[illegible]

PSYCHROMETRIC SUMMARY

23021
STATI

REESE AFA TX

67-70, 73-78

APR

PAGE 2

0600-0800
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/VAC

PSYCHROMETRIC SUMMARY

23021 REESE AFB TX

7-70, 73-78

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
90/ 69																	.1	1	1					
86/ 85													.1				.1	2	2					
84/ 83									.1					.1			.1	3	3					
82/ 81											.2	.1	.2		.3	.1	.1	10	10					
80/ 79							.1	.2	.2	.1	.1			.3	.1	.1		12	12					
78/ 77							.3	.1	.5	.1	.3			.2	.3	.5		21	21					
76/ 75					.1	.5	.6	.2	.2	.1	.2	.6	.2	.6	.5			33	33					
74/ 73						.2	.5		.5	.1	.1	.6	.5	.3				24	24					
72/ 71				.7	.5	.6	.7	.6	.8	.6	.3	.5	1.2	.3	.1			60	60					
70/ 69			.1	1.0	.5	.9	.6	.3	.5	.8	.8	.2	.1	.2				54	54					
68/ 67			.6	.6	1.5	.3	1.2	.8	.7	1.0	.8	.6	.5					77	77	6				
66/ 65			1.3	1.0	.2	.9	.7	.6	.5	.3	1.0	.3	.3					62	62	18	1			
64/ 63		.2	1.0	.9	.8	1.1	1.0	.8	1.2	.8	.6	.5	.1					80	80	35	6			
62/ 61		.3	.8	1.4	1.0	.3	1.4	.6	1.0	.6	.5	.3						72	72	32	17			
60/ 59	.3	.7	.9	1.0	1.0	.8	1.0	1.5	.9	.3	.2	.1						78	78	61	31			
58/ 57	.1	.6	1.0	.7	.8	.6	1.0	1.3	.7	.5	.2							67	67	46	33			
56/ 55	.1	.5	1.0	.7	.9	.9	.7	.9	.3	.1								50	50	79	42			
54/ 53		.8	.2	1.4	.6	.3	.6	1.0	.3	.1								47	47	74	36			
52/ 51		.6	.2	.3	.7	.5	.6	.6										30	30	72	45			
50/ 49	.2	.6	.6	.1	.6	.6	.7	.1										30	30	99	49			
48/ 47		.2	.2	.5	.3	.7	.1	.2										20	20	77	34			
46/ 45		.5	.1	.3	.2	.1	.1											12	12	76	37			
44/ 43		.5	.5	.1		.5												13	13	67	43			
42/ 41	.1	.1			.1	.1												4	4	50	49			
40/ 39		.1		.2	.5	.1												8	8	38	31			
38/ 37	.2																	2	2	22	45			
36/ 35		.2	.2	.1	.1													6	6	6	39			
34/ 33		.1	.1															2	2	9	52			
32/ 31			.3															3	3	8	45			
30/ 29																				4	36			
28/ 27																				2	40			
26/ 25																					32			
24/ 23																					41			
22/ 21																					28			
Element (X)	Σ X ²		Σ X		X̄		σ _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

APR
MONTH

HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

23021 REESE AFB TX

67-70, 73-76

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1200-1400

HOURS (L.S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																																	TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point																	
94/ 93																	.2	2																			
92/ 91																	.2	2																			
90/ 89																	.2	2																			
88/ 87																	.2	2																			
86/ 85																	.2	2																			
84/ 83																	.2	2																			
82/ 81																	.2	2																			
80/ 79																	.2	2																			
78/ 77																	.2	2																			
76/ 75																	.2	2																			
74/ 73																	.2	2																			
72/ 71																	.2	2																			
70/ 69																	.2	2																			
68/ 67																	.2	2																			
66/ 65																	.2	2																			
64/ 63																	.2	2																			
62/ 61																	.2	2																			
60/ 59																	.2	2																			
58/ 57																	.2	2																			
56/ 55																	.2	2																			
54/ 53																	.2	2																			
52/ 51																	.2	2																			
50/ 49																	.2	2																			
48/ 47																	.2	2																			
46/ 45																	.2	2																			
44/ 43																	.2	2																			
42/ 41																	.2	2																			
40/ 39																	.2	2																			
38/ 37																	.2	2																			
36/ 35																	.2	2																			
34/ 33																	.2	2																			
32/ 31																	.2	2																			
30/ 29																	.2	2																			
28/ 27																	.2	2																			
Element (X)	ΣX^2			ΣX			\bar{X}			σ_x			No. Obs.			Mean No. of Hours with Temperature																					
Rel. Hum.																																					
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

FORM 0-26-5 (OL A) REVISI PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

REESE AFR TX

67-70, 73-78

ΔPR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOLAS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

APR

MONTH

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET-BULB TEMPERATURE DEPRESSION (F)																														TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point														
94/ 93																	.6	5	5															
92/ 91													.1	.1	.1	.5	1.7	22	22															
90/ 89															.2	.3	1.7	20	20															
88/ 87														.1	.2	.1	1.7	19	19															
86/ 85														.2	.8	.1	2.2	40	40															
84/ 83														.3	.6	.7	3.4	62	62															
82/ 81								.1	.1	.3	.2	.3	1.1	.7	.9	.8	1.5	2.1	73	73														
80/ 79							.1	.2	.3	.5	.5	.5	1.6	1.3	.8	1.3	.7	76	76															
78/ 77						.2	.1	.3	.5	.3	.1	1.3	.5	1.0	1.4	1.3		61	61															
76/ 75						.2		.6	.2	.6	.7	.7	.7	.5	2.3	.1		64	64															
74/ 73					.1	.1	.3	.3	.3	.5	1.0	1.5	1.3	.3	.3			55	55															
72/ 71					.1	.3	.7	.2	.3	.5	.5	1.4	.8	.6	.3			50	50															
70/ 69				.5	.2	.1	.7	.7	.6	.6	.9	1.6	.6	1.4				70	70															
68/ 67				.2	.5	.6	.8	.3	.9	.2	1.4	.7	.7	.3				53	53	7														
66/ 65				.3	.3	.1	.1	.7	.7	.7	1.3	.7	.3					41	41	14														
64/ 63				.2	.1	.5	.5	.3	.3	.1	.5	.3	.1					26	26	24														
62/ 61	.5		.3	.1	.2	.6	.2	.2	.1		.7							25	25	65														
60/ 59		.6	.2	.6	.1	.2	.1		.3	.2								21	21	50														
58/ 57			.3	.2	.5	.2	.1	.3	.6									20	20	67														
56/ 55			.7	.3		.1	.2	.1		.1								13	13	91														
54/ 53		.2	.5	.2	.1		.1		.1									11	11	103														
52/ 51		.2	.1	.9	.3	.3	.2	.3										10	10	132														
50/ 49		.1	.2	.1				.1										5	5	98														
48/ 47		.6					.3											10	10	82														
46/ 45			.1	.1	.1													3	3	45														
44/ 43					.1	.1												2	2	39														
42/ 41				.1	.2													3	3	20														
40/ 39	.3				.1	.1												5	5	11														
38/ 37																				7														
36/ 35																				5														
34/ 33																				1														
32/ 31																				2														
30/ 29																																		
28/ 27																																		

PSYCHROMETRIC SUMMARY

APR

MONIM

1500-1700

HOURS: (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021 REFSE AFB TX STATION NAME

7-70, 73-78 YEARS

PAGE 1

1800-2000

APR MONTH
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	TOTAL			TOTAL			Dew Point		
90/ 89										.1			.1		.3	.5	.1	1.2	14	14						
88/ 87										.1		.1		.1	.3	.5	.1	1.2	13	13						
86/ 85											.3			.6	.1	.1	.1	1.2	13	13						
84/ 83											.4	.4	.5	.8	.3	.9	1.6	36	36							
82/ 81									.1	.5	.3	.4	.9	.4	.8	.5	1.4	.1	41	41						
80/ 79									.1	.1	.4	.1	.7	.8	.3	1.5	1.4		41	41						
78/ 77							.1	.7	.6	.4	.4	.7	1.2	.9	.8	1.3	.1		47	47						
76/ 75						.1	.3	.4	.7	.1	.4	.7	1.1	.5	.7	1.4			52	52						
74/ 73						.4	.3	.4	.4	.9	1.5	.7	1.1	.4	.4				65	65						
72/ 71					.3	.3	.9	.5	.3	1.1	1.1	1.1	1.8	.8					53	53						
70/ 69			.3	.4	.3	.4	.6	.7	.5	1.1	1.1	1.2	.8	.4					51	51	13					
68/ 67			.3	.3	.3	1.1	.7	.7	.4	.8	.7	.7	.4						41	41	23	3				
66/ 65		.1	.1	.1	.4	.1	.3	.1	1.2	.5	1.1	.6	.4						38	38	31	9				
64/ 63	.1	.1	.1	.4	.1	.1	.5	.5	.4	.5	.4	.1	.1						29	29	43	11				
62/ 61	.1	.1	.1	.4	.1	.1	.5	.5	.4	.5	.4	.1	.1						29	29	49	12				
60/ 59		.3	.3	.4	.1	.1	.5	.5	.4	.5	.1								17	17	69	20				
58/ 57		.3	.3	.4	.1	.1	.5	.5	.4	.5	.1								23	23	71	24				
56/ 55		.1	.4	.1	.1	.1	.5	.5	.4	.5	.1								16	16	90	29				
54/ 53		1.4	.1	.4	.1	.1	.5	.5	.4	.5	.1								10	10	93	35				
52/ 51		.3	.7	.4	.1	.1	.5	.5	.4	.5	.1								9	9	73	20				
50/ 49		.1	.3	.4	.1	.1	.5	.5	.4	.5	.1								7	7	61	34				
48/ 47		.1	.3	.4	.1	.1	.5	.5	.4	.5	.1								3	3	50	31				
46/ 45		.3	.1	.1	.1	.1	.5	.5	.4	.5	.1								4	4	20	39				
44/ 43		.1	.1	.1	.1	.1	.5	.5	.4	.5	.1								5	5	23	40				
42/ 41		.3	.3	.1	.3														1	1	7	28				
40/ 39	.1	.1																	1	1	6	36				
38/ 37				.1	.1																	3	34			
36/ 35			.1																			3	35			
34/ 33																							25			
32/ 31																							44			
30/ 29																							34			
28/ 27																							40			
26/ 25																										
24/ 23																										
Element (X)	Σ X ²		Σ X		X		X		X		X		X		X		X		X		X		X		Total	
Rel. Hum.																										
Dry Bulb																										
Wet Bulb																										
Dew Point																										

FORM 0-26-5 (OL A) REVISION PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
USAFETAC

PSYCHROMETRIC SUMMARY

ΔΡΡ

YEARS

2100-2300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-74, 73-78

473

STATION

STATION NAME

YEARS

MONSIEUR

PAGE 2

2100-2500

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

7-70, 73-76

APF

STATION

STATION NAME

YEARS

MONTH

PAGE 1

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

7-70, 73-78

APR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

Temp. (F)		WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
		0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
26/ 25			.1	.0															7	7	7	277				
24/ 23			.0	.0															2	2	7	267				
22/ 21																					2	259				
20/ 19																					1	243				
18/ 17																						160				
16/ 15																						124				
14/ 13																						64				
12/ 11																						36				
10/ 9																						11				
8/ 7																						5				
6/ 5																						3				
4/ 3																						2				
TOTAL		1.2	8.9	9.7	8.5	8.7	8.1	7.6	6.5	6.0	5.8	5.9	5.2	4.5	3.0	3.2	2.5	4.0	5666	5666	5666	5666				

0.26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

34Y

MONTH

0000-0200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

24Y

MONTH

0300-0300

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-72, 73-78

AY

STATION

STATION NAME

YEARS

MONTH

PAGE 2

✓360-0500

HOURS (L. S. Y.)

USAFETAC
FORM
NW 44
0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

44Y

MONTH

6660-0200

HOURS (L. S. T.)

PSYCHROMETRIC SUMMARY

DAY

MONTH

0600-0600

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

 AY

YEARS

MONTH

HOURS (L: S: T:)

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

DAY
MONTH

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

1500-1700

USAFETAC FORM 0:26.5 (0.2A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7-70, 73-78

LAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1400-2400

HOURS 11, 5, 7, 1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	Dry Bulb	Wet Bulb	Dew Point															
98/ 97																		.1	1	1															
96/ 95																		1.1	2	2															
94/ 93														.1				.1	3	3															
92/ 91													.1	.1			.3	1.1	22	22															
90/ 89											.1	.1	.4	.1	.5	.3	2.1	26	26																
88/ 87												.5	.5	.3	1.1	.3	2.1	41	41																
86/ 85									.1	.4	.4	.1	.5	1.1	.7	.3	.3	53	53																
84/ 83								.1	.3	.5	.6	.4	1.2	1.2	.2	.5	1.1	52	52																
82/ 81						.1	.1	.1	.7	1.4	1.2	1.2	.3	1.4	.3	.3	.7	71	71																
80/ 79						.1	.3	.3	1.3	.3	1.4	1.3	.7	.3	.3	.5		60	60																
78/ 77					.1	.1	1.4	1.2	1.1	.3	1.2	.3	.1	.4	.7	.5		59	59																
76/ 75					.5	1.1	.7	.8	1.5	1.5	1.5	.3	.9	.7				59	59																
74/ 73				.1	.3	.4	.9	.3	.9	.4	.4	.1	.4	.1				41	41	1															
72/ 71				.5	.7	.7	.4	.4	.3	.7	.4	.4	.4	.4				43	43	2															
70/ 69			.3	.7	.7	.9	.7	.3	.7	.3	.3	.3		.1				41	41	1															
68/ 67			.1	.7	.6	.1	.1	.3	.3	.1	.3	.3	.3					31	31	22															
66/ 65			.7	.4	.5	.5	.4	.4	.5	.1	.1	.1	.1					31	31	7															
64/ 63		.5	.4	.7	.1	.3	.1	.1	.3	.1		.1	.1					22	22	72															
62/ 61		.4	.1	.1	1.1	.1	.3	.1	.1									11	11	25															
60/ 59		.7	.3					.1	.1									3	3	41															
58/ 57		.1					.1	.1										3	3	42															
56/ 55		.1	.1				.1											3	3	43															
54/ 53	.1	.1		.3							.1							3	3	77															
52/ 51		.1																1	1	47															
50/ 49				.3														2	2	45															
48/ 47			.3															2	2	29															
46/ 45																				55															
44/ 43		.1																1	1	40															
42/ 41		.3																2	2	44															
40/ 39																				42															
38/ 37																				26															
36/ 35																				33															
34/ 33																				26															
32/ 31																																			

PSYCHROMETRIC SUMMARY

23021

REFSE AFN TX

7-7, 73-78

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STATION

STATION NAME

YEARS

MONTH

PAGE 4

1500-2000

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

RAY

MONT

2101-2300

HOURS (L, S, T.)

USAFETAC FORM 0.26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7-70, 73-74

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STATION

STATION NAME

YEARS

MONTH

Page 2

2100-2500

HOURS (L. S. T.)

[illegible]

FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

23021

SEESF AFA TX

7-70, 73-70

DAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
102/101																	.1	.1	.1	.1	4	4		
100/ 99																	.2	.2	.2	.2	10	10		
98/ 97																	.2	.2	.2	.2	14	14		
96/ 95																	.1	.1	.1	.1	50	50		
94/ 93																	.2	.2	.2	.2	63	63		
92/ 91													.1	.1	.2	.2	.3	1.3	1.3	130	130			
90/ 89											.0	.1	.2	.2	.2	.4	.4	1.0	1.0	147	147			
88/ 87									.0	.1	.1	.1	.2	.2	.4	.4	.4	1.0	1.0	177	177			
86/ 85									.0	.1	.3	.5	.6	.6	.5	.4	.4	.0	.0	230	230			
84/ 83							.0	.1	.3	.5	.6	.6	.3	.6	.7	.4	.3	.4	.4	266	266			
82/ 81						.1	.1	.3	.7	.0	.6	.7	.4	.5	.3	.3	.3	.3	.3	257	257			
80/ 79			.0		.0	.1	.4	.7	.6	.4	.7	.6	.3	.4	.2	.3	.0	.0	.0	293	293			
78/ 77				.0	.1	.4	.7	.7	.7	.4	.7	.3	.1	.3	.0	.2				300	300			
76/ 75				.1	.4	.6	.7	.5	.6	.8	.5	.4	.5	.2	.2					332	332	1		
74/ 73			.0	.1	.6	.6	.8	.5	.4	.3	.3	.3	.3	.2	.1					261	241	4	1	
72/ 71		.0	.1	.8	1.0	.8	.7	.6	.6	.2	.3	.3	.2	.1						341	341	21		
70/ 69	.0	.1	.7	1.1	.8	.7	.7	.6	.5	.4	.3	.3	.1	.1						372	372	86	3	
68/ 67	.0	.4	1.1	1.0	1.1	.6	.4	.5	.4	.3	.2	.1	.1	.0						371	371	221	17	
66/ 65	.1	.5	1.6	1.3	.8	.6	.4	.3	.4	.2	.1	.1	.1							365	345	473	39	
64/ 63	.2	.7	1.4	1.2	.6	.5	.3	.3	.4	.2	.1	.1	.0							353	359	506	170	
62/ 61	.2	1.3	1.0	.7	.6	.3	.4	.2	.2	.2	.1		.0							310	317	669	293	
60/ 59	.3	1.2	.5	.6	.6	.4	.4	.2	.2	.2	.0									272	272	721	418	
58/ 57	.3	1.0	.7	.6	.6	.4	.2	.2	.0	.0										231	231	669	302	
56/ 55	.1	.4	.4	.6	.5	.3	.1	.0	.1	.1	.0									175	175	532	421	
54/ 53	.1	.5	.5	.4	.3	.2	.1	.1	.0		.0									134	134	435	378	
52/ 51	.1	.4	.2	.5	.3	.1	.1	.1	.0	.0										97	97	405	380	
50/ 49	.1	.2	.4	.5	.2	.1	.0	.1												97	90	334	327	
48/ 47		.1	.3	.3	.1	.0	.1	.0												57	57	221	288	
46/ 45		.3	.2	.2	.1		.1													46	46	167	284	
44/ 43		.2	.3	.1	.0			.0												32	32	134	308	
42/ 41		.1	.2	.0																22	22	64	296	
40/ 39	.0	.0	.0																	4	4	39	227	
38/ 37		.1			.0	.0	.0													5	5	29	228	
36/ 35	.1				.0	.0	.0													5	5	29	231	
Element (X)	Σ X ²		Σ X		X̄		S _x		No. Obs.		Mean No. of Hours with Temperature						Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F								
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

104

MONTH

✓369-0200

HOURS (L, S, T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

7-70, 73-78

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1

500-0000

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
84/ 83									.1									1	1					
82/ 81										.2								2	2					
80/ 79					.1	.1	.5	.6	.5		.1					.1		17	17					
78/ 77				.4	.7	1.1	.6	.9	.5	.1						.1		36	36					
76/ 75				.6	1.2	1.8	1.0	.6	.2	.1	.2				.2			53	55					
74/ 73			.4	1.1	3.4	1.5	1.3	.6	.4									71	71					
72/ 71		.2	1.3	3.2	2.2	2.4	.6	.6	.2	.1			.1					92	92					
70/ 69		.9	2.3	2.9	4.0	1.0	1.6	.5	.1	.2				.1				118	118	29	5			
68/ 67	.1	1.1	3.4	1.6	2.1	1.1	.5	.5	.2	.1	.1	.1						93	93	62	20			
66/ 65		1.9	4.9	2.1	1.7	1.0	.4	.1		.2								101	101	138	30			
64/ 63	.7	1.3	2.3	1.3	1.2	1.1	.2	.1										73	73	141	79			
62/ 61	.4	1.8	2.4	1.3	1.3	.4	.6		.1									69	69	134	111			
60/ 59		1.7	.9	.6	1.1	.2	.1											30	30	95	101			
58/ 57		.7	1.0	.0	.1	.1												21	21	62	104			
56/ 55		.4	.6	.4	.1													12	12	31	89			
54/ 53		.4	.6		.5	.1												13	13	43	62			
52/ 51		.1	.4	.1														5	5	26	49			
50/ 49		.1	.1		.1													3	3	21	49			
48/ 47			.1															1	1	10	25			
46/ 45																				6	31			
44/ 43																				2	16			
42/ 41																					10			
40/ 39																					7			
38/ 37																					8			
36/ 35																					2			
34/ 33																					2			
32/ 31																					2			
28/ 27																					2			
26/ 25																					3			
24/ 23																					2			
TOTAL	1.2	10.7	21.1	16.8	20.0	12.8	8.0	4.5	2.4	1.2	.5	.1	.1	.2	.2			321	321	821	621			
Element (X)	ΣX ²	ΣX	X̄	s ²	No. Obs.	Mean No. of Hours with Temperature										Total								
Rel. Hum.	4045361	56181	58.4	15.652	821	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F													
Dry Bulb	3797022	55810	67.7	6.080	821			53.2	20.0	1.2				90										
Wet Bulb	3058255	49921	60.8	5.273	821			13.9							90									
Dew Point	2638633	46153	56.2	7.335	821		1.0	3.4							90									

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021
STATION

REESE AFB TX

STATION NAME

7-10-73-78

YEARS

JUL

MONTH

PAGE 1

0900-1100

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
98/ 97																	.2	2	2						
95/ 95																	.2	2	2						
94/ 93												.2	.2	.3			.1	.1	9	9					
92/ 91												.3	.3	.2	.2	.2	.4	.4	21	21					
90/ 89									.2	.6	1.0	.9	.3	.2	.3	.2	.1	.1	32	32					
88/ 87									.4	.9	1.3	.9	.3	.1	.2	.2	.1	.1	42	42					
86/ 85							.2	1.0	1.8	1.9	1.1	.7	1.1	.3	.1	.2	.1	.1	77	77					
84/ 83						.1	.4	1.3	2.7	1.3	.7	.6	.2	.2	.2	.1			71	71					
82/ 81					.1	.8	1.8	3.4	2.0	1.1	.8	1.0	.2	.2	.1	.1			105	105					
80/ 79					.7	2.0	3.3	3.0	1.8	.6	.7	.2	.4						115	115					
78/ 77				.1	.8	2.7	2.2	1.7	1.1	.4	.2	.8	.3						93	93					
76/ 75				.9	1.8	2.0	1.7	.8	1.1	.6		.1							80	80	2				
74/ 73			.2	.6	1.8	.7	1.3	.9	.4	.6	.2	.1							61	61	7				
72/ 71		.1	.4	1.1	1.3	.9	.2	.4	.2		.2								45	45	32				
70/ 69		.2	.6	1.0	.9	1.0	.3	.2	.3	.1	.1								42	42	154	7			
68/ 67		.3	1.0	.1	.6	.9	.3	.3	.2	.1									32	32	154	30			
66/ 65	.2	.1	.4	.8	.3		.6												22	22	135	71			
64/ 63	.1	.2	.6	.9	.1	.2	.1												17	17	152	91			
62/ 61		.4	.4	.1	.2	.2													13	13	91	121			
60/ 59	.1		.2	.2	.1	.1													7	7	77	120			
58/ 57		.1	.1		.1														3	3	35	108			
56/ 55		.4																	4	4	38	78			
54/ 53		.1																	1	1	27	48			
52/ 51																					11	39			
50/ 49																					2	43			
48/ 47																						28			
46/ 45																						36			
44/ 43																						19			
42/ 41																						16			
40/ 39																						17			
38/ 37																						12			
36/ 35																						2			
34/ 33																						7			
32/ 31																						1			
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) JUL 64

REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

جۇ:

MONTH

1944-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-70, 73-78

10:

STATION

STATION NAME

YEARS

MONTA

PAGE 2

1200-1400
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
38 / 37																					26
36 / 35																					20
34 / 33																					11
32 / 31																					5
30 / 29																					6
28 / 27																					2
TOTAL	.2	.9	1.1	1.3	4.1	2.4	4.7	5.2	8.4	1.0	3.9	5.2	8.2	0.8	6.2	0.2	14.3	900	900	900	900

USAFETAC FORM NO. 24
0.26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY:

46

MONTH

1500-1700
HOURS (L.S.T.)

[illegible]

PSYCHROMETRIC SUMMARY

July 4

1800-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
104/103																		1.0	7	5															
102/101																		1.0	7	7															
100/99																.1	.3	1.0	15	15															
98/97																.1	.4	2.5	25	25															
96/95														.5	.3	.3	2.7	37	32																
94/93												.2	.4	1.1	1.4	1.4	2.0	52	52																
92/91											.1	1.1	1.2	1.0	1.2	.8	1.4	57	57																
90/89										.4	1.1	2.1	1.5	1.6	1.0	.7	1.1	74	74																
88/87									.5	1.0	1.4	1.6	2.2	1.4	.0	.4	1.2	77	77																
86/85								.4	.4	1.1	1.5	1.8	1.5	.8	.7	.3	1.0	72	72																
84/83							.4	1.0	.4	1.1	1.5	1.5	.8	.5	.5		.1	57	57																
82/81						.1	.4	.5	1.1	1.0	1.2	1.2	.7	.5	.4			53	53																
80/79				.1	.1	.4	.7	1.4	1.0	.8	.8	.4	.5	.1				47	47																
78/77				.1	.5	.8	.4	1.1	.5	.4	.3	.3						33	33																
76/75			.5	1.0	.3	.3	1.2	.5	.4	.1	.3							34	34																
74/73		.2	.3	.3	.7	.3	.1	.3	.1									21	21		1														
72/71	.1	.3	1.0	1.0	1.2	.5		.1	.1									32	32	35															
70/69		.1	.4	.8	.1			.3	.1		.1							15	15	60	1														
68/67		.4	.4	.3		.1	.1	.3										17	17	107	13														
66/65		.3		.1			.3											5	5	113	13														
64/63					.1	.1		.1										2	2	119	45														
62/61	.1	.4	.1		.1													6	6	119	38														
60/59																				70	56														
58/57																				42	74														
56/55	.4																	3	3	38	67														
54/53																				11	58														
52/51																					52														
50/49																				2	62														
48/47																					47														
46/45																					39														
44/43																					39														
42/41																					17														
40/39																					22														
38/37																					30														
Element (X)	Σ x'		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																								
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total												
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

44

MONTH

1800=2000

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

44

YEARS

MONTH

4100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
26/ 25																					1	
24/ 23																					1	
22/ 21																					1	
20/ 19																					2	
TOTAL		2.2	7.7	6.1	7.5	7.7	8.8	10.9	12.7	11.6	5.4	6.5	3.8	2.3	1.6	1.8	.4	558	558	558	558	

PSYCHROMETRIC SUMMARY

জান

MONTH

ALL

[illegible]

USAFETAC
FORM
JUL 64
0.26-5. (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

PSYCHROMETRIC SUMMARY

JVL

MONTH

12-11-0540

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

July

MONTH

HOURS (L, S; T.)

[illegible]

PSYCHROMETRIC SUMMARY

JUL

MONIN

0200-1100

HOURS (L. S. - T. -)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
100/ 99																.1		1	1						
98/ 97																.2	.1	4	4						
96/ 95															.1	.1	.1	2	3						
94/ 93													.3	.4	.1		.2	10	10						
92/ 91											.2	1.0	.7	.2	.4	.1		24	24						
90/ 89										.3	.9	.9	.4	.1				24	24						
88/ 87									1.0	2.0	1.5	.7	.4	.2	.1			54	54						
86/ 85								1.3	4.2	3.2	1.1	.0						90	90						
84/ 83						.2	2.3	3.8	3.8	2.0	.3							110	110						
82/ 81					.3	1.7	4.0	4.8	2.0	.7	.1							123	123						
80/ 79				.1	1.1	4.7	4.0	2.3	.6									116	116						
78/ 77				.3	3.3	4.2	2.3	.0										90	90						
76/ 75			.1	1.5	3.0	3.0	.7		.1									76	76						
74/ 73			.8	3.2	2.8	.6		.1										65	65	11					
72/ 71		.1	1.7	1.9	.7	.2												41	41	107	2				
70/ 69		.2	1.7	1.2	.2	.2												32	32	303	13				
68/ 67		.7	1.4		.3													22	22	272	68				
66/ 65	.1	.2	.8															10	10	133	168				
64/ 63			.2															2	2	54	195				
62/ 61		.2																2	2	15	192				
60/ 59		.1																1	1	9	123				
58/ 57																					74				
56/ 55																					38				
54/ 53																					13				
52/ 51																					4				
50/ 49																					10				
48/ 47																					2				
46/ 45																					1				
44/ 43																					4				
TOTAL	.1	1.5	6.4	8.2	11.7	14.7	13.2	13.0	11.4	.1	4.2	2.6	1.9	1.1	.8	.4	.4	909	909	909					
Element (X)	Σx²		Σx		Σ		Σ		No. Obs.		Mean No. of Hours with Temperature														
Rel. Hum.	3070374		51050		56.214		966		909		≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total		
Dry Bulb	5852432		72718		80.0		6.222		909						91.5		91.7		51.9		1.8		93		
Wet Bulb	4204941		61785		58.0		2.438		909						70.9		1.1						93		
Dew Point	3505574		56338		62.0		3.941		909						80.5								93		

PSYCHROMETRIC SUMMARY

464

MONTH

1200-1400

HOURS 11:50-1:10

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
104/103																	.4	4	4																
102/101																	.9	9	9																
100/99																.3	1.3	15	15																
98/97															.2	.7	.4	1.1	22	22															
96/95												.1	.3	1.8	1.3	.4	.7	40	40																
94/93											.2	.9	1.8	2.4	1.3	.7	.1	67	67																
92/91										.4	1.5	3.6	2.1	1.2	.7	.1	.1	89	89																
90/89							.1	.9	.2	4.5	3.6	2.1	.9	.2				132	132																
88/87							.1	.1	3.3	4.1	2.3	2.4	.2					114	114																
86/85							.7	2.9	4.4	.4	1.3	.2						119	119																
84/83						.6	1.0	2.4	2.1	.9	.3							69	69																
82/81					.1	1.1	2.4	1.1	1.3	.1	.2							58	58																
80/79					.8	1.2	2.0	1.1	.2	.2								44	44																
78/77				.1	1.2	1.3	.6	.2	.1									32	32																
76/75				.7	.8	1.0	.2	.1										25	25		5														
74/73			.1	1.1	1.0	.1												21	21	43															
72/71			.3	1.7	.2	.1												21	21	152	2														
70/69		.1	.4	.7	.3													14	14	204	16														
68/67			.2	.1														3	3	249	46														
66/65		.2																2	2	152	115														
64/63																				44	143														
62/61																				15	142														
60/59																					140														
58/57																					126														
56/55																					69														
54/53																					43														
52/51																					27														
50/49																					15														
48/47																					12														
46/45																					4														
44/43																					5														
42/41																					4														
TOTAL		.3	1.1	4.3	4.2	5.4	6.9	8.4	12.3	11.3	10.7	10.9	6.9	6.5	4.6	2.0	4.6		569	569	909	909													
Element (X)	Σx ²	Σx		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																									
Rel. Hum.	1907793	39435		43.4		14.729		909		± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total													
Dry Bulb	6853165	78681		86.6		6.859		909						92.8		88.9		73.9		16.0		93													
Wet Bulb	4290967	62411		68.7		2.547		909						76.5		4.9						93													
Dew Point	3310339	54667		60.1		4.998		909						5.5								73													

23021 REESE AFB TX

• 7-70, 73-76

YEARS

44

HOURS (L. S. T.)

0-26-5 (OL-A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

23021
STATION

REFSE AFB TX

7-70, 73-78

JUL
MONTH

PAGE 2 1500-1700
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

49L

MONTH

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

23021

RESE AFR TX

7-70, 73-76

146

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L, S, T.)

[illegible]

FORM.
0.26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

7-71, 73-78

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500

HOURS (L, S, T.)

[illegible]

USAFETAC FORM 0-26.5 (QLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

AUG

MONTH

0600-0500

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	Dry Bulb	Wet Bulb	Dew Point												
80/ 79								.1										1	1													
78/ 77					.1	1.2	.2	.7										17	19													
76/ 75				.5	2.4	2.0	.8	.5										53	53													
74/ 73			.8	1.1	3.1	1.4	.8	.2										62	63													
72/ 71		.4	1.5	5.2	4.1	1.6	.4	.4										115	115	4												
70/ 69	.2	2.0	4.5	5.5	2.5	.8	.4											143	143	9												
68/ 67		2.9	5.3	3.5	3.3	1.8	.2											144	144	100												
66/ 65	.8	3.4	4.7	3.4	2.4	.5	.2											131	121	147												
64/ 63	.4	3.5	2.8	2.0	.5	.2												80	80	198												
62/ 61	.4	1.8	2.0	1.1	.4	.2												49	49	134												
60/ 59	.2	1.3	.7	.7	.7													31	31	117												
58/ 57	.1	.9	.4	.6	.1													19	18	65												
56/ 55		.4																3	3	33												
54/ 53																				14												
52/ 51																				9												
50/ 49																				1												
48/ 47																																
46/ 45																																
44/ 43																																
TOTAL	2.1	16.6	23.2	23.5	19.9	9.8	3.2	1.9										850	850	850												

Element (X)	ΣX ²	ΣX	X̄	s _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	4886879	63561	74.8	12.560	850	≥ 0 F	≥ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	3945636	57782	68.0	4.564	850			56.5	14.9	.1		93
Wet Bulb	2345542	53224	62.6	3.804	850			14.4				93
Dew Point	3015013	50455	59.4	4.603	850			4.7				93

PSYCHROMETRIC SUMMARY

245

MONTH

1200-1400

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2 1200-1400
HOURS (L. S. T.)

[illegible]

JSAFÉTAC
FORM: 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

87-76, 73-78

AUG

STATION

STATION NAME

- YEARS

MONTH

1500-1700

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

1959
MONTH

1857-2000
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

AUG
MONTH

[illegible]

PSYCHROMETRIC SUMMARY:

AUG

MONTH

ALL

RS IL. S.

[illegible]

PSYCHROMETRIC SUMMARY

SEP

MONTH

6340-0500

HOURS (L., S., T.)

[illegible]

PSYCHROMETRIC SUMMARY

7-70, 73-78

553

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0809-0200

HOURS (L, S, T:)

[illegible]

0.26-5 (OL A)
FORM JUL 64
JSAFETAC
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

SEP

YEARS

1200-1400

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

555

MONTH

1200-1400
HOURS (L. S. T.)

[illegible]

0:26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

SEP

YEARS

MONTH

1500-1700

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
32/ 31																					12
30/ 29																					6
28/ 27																					2
TOTAL		3.4	4.8	4.7	4.5	6.2	6.2	7.9	11.4	1.5	9.2	11.2	4.9	4.5	3.2	3.1	6.8		458		858

PSYCHROMETRIC SUMMARY

SEP

MONTH

1650-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
98/ 97																.1		.1												1	1				
96/ 95																.1														.1	2	2			
94/ 93																.1		.1											.1	.7	3	3			
92/ 91																.3		.3		.1									.4	12	12				
90/ 89															.4	.3	.9	.4	.1	.3									.4	20	20				
88/ 87															.4	.7	.6	.6	.2	.1									.1	.1	20	20			
86/ 85															.3	.6	1.3	1.9	1.3	.4									.4	.1	45	45			
84/ 83															.4	.7	1.3	1.3	.1	.3	.7								.4	.1	38	38			
82/ 81																.1	1.1	1.4	1.0	.9	.4	.6	.3								41	41			
80/ 79										.3	1.1	2.1	2.4	1.0	.9	.3	.3												.1		60	60			
78/ 77										2.0	2.0	1.1	1.0	.7	.6	.6	.1	.1													32	56			
76/ 75				.1	.1	1.1				1.7	1.4	1.4	.4	1.1	.6	.5	.3														.1	61			
74/ 73				.1	1.0	1.1	1.0	2.0	.9	.4	.7	.3	.1																		54	54			
72/ 71			.4	.6	1.6	.9	1.3	1.0	.6	.9	.4	.3																			55	55	6		
70/ 69			.3	1.4	1.0	1.9	1.0	1.1	.9	.1	.3	.1																			37	57	30		
68/ 67			.4	1.1	.7	.7	.6	.7	.4	.1																					34	24	30		
66/ 65			.4	1.5	1.1	.6	.4	.6	.2																						40	40	120		
64/ 63	.4	.7	1.0	.9	.7	.4	.4	.1	.1																						34	34	98		
62/ 61	.3	.4	.3	.1	.1	.7	.6																								12	12	98		
60/ 59				.3	.1	.2																									5	5	61		
58/ 57			.1	.1	.3	.7																									5	9	42		
56/ 55			.3	1.7	.3	.3																									18	18	42		
54/ 53				.4	.1			</																											

PSYCHROMETRIC SUMMARY

YEARS

[illegible]0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

SEP

MONIN

2100-2300

HOURS (L, S, T.)

[illegible]0-26:5 (O.L.A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

249

MONTH

41-1

HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATE DAY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

75-76

ICT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0000-0200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
70/ 69						.3	.3											2	2					
68/ 67					1.1	.8		.3										8	8					
66/ 65			.5	1.3	1.1	.5	1.1			.3	.3							19	19					
64/ 63			1.9	1.1	1.6	.8	.3	.5	.3									24	24					
62/ 61	.3	.3	.8	1.3	.5	1.9	1.1	.3										24	24	3	1			
60/ 59		1.1	1.0	1.6	3.2	2.2	1.9	.5	.3									46	46	23	7			
58/ 57		.3	3.0	1.6	3.2	1.1	.8	.8										47	40	19	4			
56/ 55	.5	.3	.6	1.6	3.0	1.3	.5	.3										31	31	19	21			
54/ 53	.5	1.3	1.6	1.3	2.4	1.6	.5	.3										36	36	35	16			
52/ 51	.3	.5	1.6	1.9	1.9	1.1	.5											29	29	34	20			
50/ 49		.8	1.3	1.6	.5	1.1	.5											22	22	41	21			
48/ 47		.5	.5	2.2	2.4	.3												22	22	41	22			
46/ 45		1.3	1.3	.8	1.1	.3												18	18	35	26			
44/ 43		.3	1.6	1.3	1.9	.3												20	20	26	28			
42/ 41		.5	.5		.3	.3												6	6	22	32			
40/ 39		.3	.3		1.1													6	6	30	28			
38/ 37		.5		.5	.3													5	5	11	25			
36/ 35		1.3		.5														7	7	10	23			
34/ 33	.3	1.3																6	6	17	25			
32/ 31		.3																1	1	5	23			
30/ 29																				1	15			
28/ 27																					13			
26/ 25																					5			
24/ 23																					7			
22/ 21																					6			
20/ 19																					4			
TOTAL	1.9	11.0	17.5	18.8	25.5	13.4	7.8	3.0	.5	.3	.3							372	372	372	372			
Element (X)	Σ x'	Σ x	X	σ _x	No. Obs.	Mean No. of Hours with Temperature																		
Rel. Hum.	1596280	23638	63.5	15.939	372	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total												
Dry Bulb	1106107	20065	53.9	8.016	372		.2	2.5				93												
Wet Bulb	658162	17658	47.5	7.338	372		1.5					93												
Dew Point	659118	15270	41.0	9.332	372		18.2					93												

FORM 0-26-5 (OL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC JUL 64

PSYCHROMETRIC SUMMARY

DCT

MONTH

0300-0500

HOURS (L, S, T, J)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1

[illegible]

PSYCHROMETRIC SUMMARY

NC T

MONTH

0900-1100

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

57-70, 73-78

NC T

STATION

STATION NAME:

YEARS

MONTH

PAGE 2

0900-1100
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

67-76, 73-78

5.67

STATION

STATION NAME

YEARS

MONTH

PAGE 2

1200-1400

HOURS (L - S - T)

[illegible]

FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 1. 1506-1700
HOURS (L. S. - T.)

[illegible]

PSYCHROMETRIC SUMMARY

CT

MONTH

1500-1700

HOURS (L, S, T)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAG

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

67-70, 73-78

ICT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1800-2000

HOURS (L, S, T)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.C./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
90/ 89												.1	.1				.1		.1					
86/ 85												.1	.3	.1	.1		.1							
84/ 83												.1	.3	.1	.1	.4	.1							
82/ 81												.3	.1	.3	.3	.5								
80/ 79									.4		.3	.4	.5	.9	.9	.3								
78/ 77						.1	.3	.3	.5	.8	.6	.7	.4	.4	.3									
76/ 75					.1	.3	.4	1.1	.5	.1	1.1	1.1	.3											
74/ 73					.4	1.1	.9	.7	1.2	.9	1.1	.3	.3	.1										
72/ 71					.5	.5	.7	1.2	1.7	1.1	1.2	.5	.4	.3										
70/ 69				.4	.9	.8	.9	.9	1.9	1.3	.8	.4												
68/ 67			.3	.3	.4	.4	.9	1.6	1.3	.4	1.1	.3	.1											
66/ 65				.8	.9	1.1	1.9	1.1	.9	1.1	.4	.1												
64/ 63		.1	.7	.4	.9	.4	1.1	1.3	1.2	.5	.4	.1												
62/ 61		.4	.4	.8	.7	.5	.9	.8	.8	.3	.4													
60/ 59	.1		.1	.6	.5	.8	.8	.9	2.3	.1														
58/ 57		.2	.5	.7	.7	.7	.8	.5	.4	.3														
56/ 55		.5	.5	.5	.7	.8	.4	.8	.4															
54/ 53		.7	.8	1.1	.4	.5	.5	.3																
52/ 51		.4	.3	.7	.1	.1	.7	.5																
50/ 49		.4	.5	.3	.3		.8																	
48/ 47		.4				.4	.3	.1																
46/ 45	.1	.3	.5	.5		.3																		
44/ 43		.1	.5	.1			.1																	
42/ 41		.5	.3	.3																				
40/ 39	.3	.1		.3																				
38/ 37		.1	.1																					
36/ 35		1.1																						
34/ 33																								
32/ 31																								
30/ 29																								
28/ 27																								
26/ 25																								
24/ 23																								
22/ 21																								
Element (X)	Σ X'		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature							Total						
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
20/ 19																						5														
18/ 17																						6														
16/ 15																						4														
14/ 13																						1														
TOTAL	.5	5.5	4.6	7.6	8.3	8.7	12.5	12.9	13.5	7.6	3.2	4.2	1.9	2.7	.5		.1	743	740	743	746															

PSYCHROMETRIC SUMMARY

CT

MONTH

2100-2300

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
78/ 77									.2									1	1					
76/ 75							.4											2	2					
74/ 73					.2		.5	.8	.2	.2								10	10					
72/ 71				.2	.2	1.0	.2	.4	.4									12	12					
70/ 69				.4	.8	1.2	1.2	.6		.2	.4							24	24					
68/ 67			.4	.6	1.8	1.4	.6	1.2	1.0	.2								36	36					
66/ 65		.2	.2	.8	1.4	1.2	2.6	.6	.2	.2								37	37	2				
64/ 63			1.6	.8	1.0	2.0	1.8	.6	.8	.2								44	44	9	2			
62/ 61		.6	.8	1.0	1.8	2.0	2.0	1.8	.8		.2							55	55	22	5			
60/ 59		.2	.4	.4	1.6	3.0	1.8	2.0	.6	.2								51	51	36	5			
58/ 57		.4	1.0	.6	1.4	1.2	1.6	.4	.4	.2								36	36	25	20			
56/ 55		.6	.6	1.2	1.0	2.0	1.2	1.2										33	33	33	23			
54/ 53		.4	.6	.4	.6	1.8	1.2	.8										29	29	35	24			
52/ 51		.6	.6	.8	1.4	.6	1.0	.2										26	26	45	22			
50/ 49		.2	.8	1.2	.6	1.2	1.8											29	29	47	27			
48/ 47			.6	.8		.4	.6											12	12	44	24			
46/ 45		1.0	1.2	.6	.6	.6	.2											21	21	47	39			
44/ 43			.4		.6	.4												8	8	35	40			
42/ 41		.2	.6		.2	.2												6	6	38	27			
40/ 39	.2	.6	.2		.4													7	7	20	34			
38/ 37			.2															1	1	17	44			
36/ 35		1.4	.2															9	9	13	38			
34/ 33		.6	.2															4	4	5	21			
32/ 31																				6	26			
30/ 29																					13			
28/ 27																					16			
26/ 25																					14			
24/ 23																					12			
22/ 21																					14			
20/ 19																					4			
18/ 17																					2			
TOTAL	.2	7.0	10.6	9.3	15.9	20.3	18.9	10.6	4.6	1.4	.6							49	49	49	49			
Element (X)	Σx ²		Σx		X		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.	1673594		27594		55.417		0.58		49		≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		93					
Dry Bulb	1722094		28968		58.2		8.636		49				15.9	2.4					93					
Wet Bulb	1243535		24595		49.4		7.619		49				1.1						93					
Dew Point	892870		20474		41.1		10.143		49				19.2						93					

PSYCHROMETRIC SUMMARY

67-79, 73-78

ACT

STATION

STATION NAME

YEARS

MONTH

PAGE 1

ALL

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point															
92/ 91															.0		.0	3	3																
90/ 89															.1	.1	.1	26	26																
88/ 87												.0	.0	.2	.1	.1	.1	55	55																
86/ 85											.1	.3	.2	.3	.2	.3	.2	102	102																
84/ 83									.0	.1	.2	.2	.3	.2	.3	.3	.2	123	123																
82/ 81							.0	.1	.2	.3	.2	.3	.4	.3	.3	.2	.0	137	137																
80/ 79						.0	.1	.2	.3	.2	.3	.4	.3	.4	.4	.1		162	162																
78/ 77						.1	.3	.5	.2	.4	.5	.5	.3	.4	.2	.1		198	199																
76/ 75				.0	.1	.2	.3	.4	.3	.6	.4	.4	.4	.1	.1			195	195																
74/ 73			.0	.0	.3	.4	.4	.4	.5	.5	.5	.4	.3	.1				225	225																
72/ 71			.2	.3	.4	.4	.5	.6	.6	.4	.4	.3	.1	.1				222	222	1															
70/ 69		.1	.4	.4	.5	.6	.5	.6	.6	.7	.4	.2	.1					254	254	7	1														
68/ 67		.4	.4	.7	.6	.5	.6	.6	.5	.3	.1	.1						272	272	48															
66/ 65	.1	.5	.6	.7	.5	.8	.5	.4	.6	.3	.1	.0						303	303	132	2														
64/ 63	.0	.3	.9	.6	.6	.7	.5	.7	.5	.4	.3	.0						323	323	241	32														
62/ 61	.1	.3	.6	1.0	.5	.7	.8	.6	.4	.3	.2							343	343	256	96														
60/ 59	.1	.9	.9	.7	.9	.9	1.0	.6	.6	.2	.0							391	391	437	175														
58/ 57	.1	.9	.9	.6	.8	.7	.7	.4	.2	.1	.0							315	315	457	190														
56/ 55	.0	.9	.9	.9	.9	.8	.4	.3	.2	.0								308	308	495	279														
54/ 53	.1	.9	.6	.8	.8	.7	.4	.3	.0									268	268	484	287														
52/ 51	.2	.9	.9	.8	.7	.5	.3	.1	.0									258	258	516	300														
50/ 49	.2	1.0	1.2	.9	.4	.4	.4	.0										260	260	477	293														
48/ 47	.1	.9	1.1	.8	.4	.3	.2	.0										217	217	466	334														
46/ 45	.1	1.2	.9	.7	.5	.2	.0											211	211	453	391														
44/ 43	.1	.9	.8	.7	.4	.1	.0											175	175	342	392														
42/ 41	.1	.9	.6	.5	.2	.1												134	134	297	393														
40/ 39	.1	.6	.3	.4	.1													91	91	259	379														
38/ 37	.1	.5	.4	.3	.0													77	77	178	425														
36/ 35	.2	.9	.3	.2														69	69	138	400														
34/ 33	.2	.4	.2	.0														48	48	152	290														
32/ 31		.1	.1															10	10	43	312														
30/ 29	.0	.1																7	7	25	204														
28/ 27		.0																2	2	12	187														
26/ 25	.0																	1	1	1	157														
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature																			
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

STATION

STATION NAME

YEARS

MONTH

Page 6

ALL

HOURS (L, S, T)

[illegible]

PSYCHROMETRIC SUMMARY

46V

YEARS

0000-0200

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE-DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
66/ 65				.8														2	3					
64/ 63			.6	.3														3	3					
62/ 61									.6									2	2					
60/ 59		.6	.3	.3					.3									5	5	5				
58/ 57		.3	1.1		.6	.3	.3											9	9	1				
56/ 55		1.1	2.2	1.4	.6	1.1	.3	.8										27	27	7				
54/ 53	.8	.8	.8	.8	.8		.3	.3										16	16	7				
52/ 51	.6	.6	1.4	1.9	.6			.3	.3									19	19	7				
50/ 49		1.4	2.2	1.4	.8	.6	.8											26	26	11				
48/ 47		.6	3.0	1.1	.6		.6											21	21	11				
46/ 45		2.2	1.9	2.2	.6	.6	.3											29	29	13				
44/ 43	.8	.6	2.2	1.7	1.1													23	23	11				
42/ 41		2.2	1.9	1.4	1.4	.8												23	23	16				
40/ 39	.6	1.1	1.7	1.4	1.9	.3												25	25	28				
38/ 37		2.5	1.4	2.8	1.1	1.4												33	33	27				
36/ 35	.8	1.1	1.9		.8	.3												18	18	17				
34/ 33	.8	1.7	.8	.8	.8	.3												19	19	20				
32/ 31	.8	1.7	.6	1.7														17	17	35				
30/ 29	.6	.3	1.1	.3														9	9	13				
28/ 27	.8	.3	1.1	.3														9	9	22				
26/ 25		.6	.3															3	3	19				
24/ 23			.6															2	2	12				
22/ 21	.3	.6																4	4	18				
20/ 19	.3	.3																2	2	12				
18/ 17																				21				
16/ 15																				5				
14/ 13																				5				
12/ 11	.3	.6																3	3	5				
10/ 9	.3																	1	1	9				
8/ 7	.6																	2	2	2				
6/ 5																				2				
4/ 3	.6																	2	2	2				
2/ 1	.3																	1	1					
0/ -1																				3				
Element (X)	ΣX^2		ΣX		\bar{X}		σ_X		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total	
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

✓000-0200
HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

7-70, 73-78

MOV

STATION

STATION NAME

YEARS

MONTH

PAGE 1

0300-0500
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
66/ 65				.4														2	2					
64/ 63			.4	.2														3	3					
62/ 61						.2		.2										2	2					
60/ 59		.6																3	3	4	1			
58/ 57		.8	.2			.4	.4		.2									10	10	2	1			
56/ 55	.6	.2	1.2	.4	.4			.6										17	17	7	9			
54/ 53	.2	1.0	1.6	.6	.6		.2											21	21	4	6			
52/ 51		1.0	.6	.6		.2	.4											14	14	14	5			
50/ 49	.4	1.8		.6	.8		.4	.4										22	22	15	11			
48/ 47		2.0	1.2	1.6	.6	.6	.2											32	32	22	16			
46/ 45		2.4	1.0	1.4	.6		.2											28	28	20	15			
44/ 43	1.0	3.4	1.0	1.8		.4												32	32	20	17			
42/ 41	.4	1.6	2.8	1.4	1.0	.2												38	38	41	26			
40/ 39	.2	4.1	2.4	1.8	.4													46	46	30	19			
38/ 37		3.2	2.4	1.2	1.4	.2												42	42	40	26			
36/ 35		2.6	2.2	1.6	1.0	.2												38	38	44	25			
34/ 33		2.8	2.4	2.2	.2	.4												40	40	41	35			
32/ 31	.6	2.2	2.0	.6	1.0													34	34	36	51			
30/ 29	.2	1.8	1.0	.4	.4													19	19	42	33			
28/ 27	.2		1.6	.2														10	10	28	27			
26/ 25	.6	.6																5	5	19	31			
24/ 23	.2	.6	.2	.2														7	7	19	28			
22/ 21		.2	.4	.2														4	4	4	17			
20/ 19	.2	.6																5	5	6	17			
18/ 17		.2																1	1	5	22			
16/ 15																				1	19			
14/ 13																					4			
12/ 11	.2	.4																3	3	3	8			
10/ 9																					4			
8/ 7	.6																	2	2	3	5			
6/ 5																					5			
4/ 3	.4																	2	2	2	3			
2/ 1	.2																	1	1	1	4			
0/ -1																					3			
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature													
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total							
Dry Bulb																								
Wet Bulb																								
Dew Point																								

FORM 0-26-5 (OL A) JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

67-72, 73-78

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STATION

STATION NAME

YEARS

MONTH

PAGE 2

0300-0500
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

34

MONTH

0667-0400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																														TOTAL	TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point												
64/ 63		.1		.3														3	3														
62/ 61		.4																3	3	2	2												
60/ 59		.4																3	3	4	1												
58/ 57		.8		.1		.3		.2										11	11	3	1												
56/ 55	.1		.1	.1	.1													4	4	7	8												
54/ 53	.4	1.4	.7		.5	.1	.1	.1										24	24	4	7												
52/ 51		2.0	1.0	.3	.3		.5											32	32	13	7												
50/ 49	.4	1.9	.8	.3	.3	.1	.5											33	33	24	22												
48/ 47		2.6	.8	1.1	.4	.4	.4											44	44	29	23												
46/ 45		2.8	1.0	1.1	.4	.1	.4											46	46	35	23												
44/ 43	.8	2.2	1.7	1.0	.6	.4												51	51	27	36												
42/ 41	.4	3.1	2.7	2.0	.6	.1												70	70	43	20												
40/ 39	.5	3.1	2.7	1.7	.5	.3												68	68	54	27												
38/ 37	.3	3.3	3.1	1.7	.5	.3												74	74	73	42												
36/ 35	.1	2.8	3.2	1.7	.5													65	65	70	50												
34/ 33	.6	3.7	3.1	1.7	.5													75	75	74	52												
32/ 31	.5	2.3	2.4	1.1	.6													55	55	74	66												
30/ 29	.1	3.2	1.5	.5	.4													45	45	64	62												
28/ 27	.1	.8	1.1	.4														19	19	53	41												
26/ 25	.6	.8	.1	.1														13	13	31	73												
24/ 23	.1	.5	.1	.4														9	9	23	49												
22/ 21		.9	.1															8	8	11	25												
20/ 19	.3	.9	.3															13	13	8	36												
18/ 17		.3																2	2	11	35												
16/ 15																				5	18												
14/ 13																					13												
12/ 11		.4																3	3	3	13												
10/ 9																					4												
8/ 7	.3																	2	2	2	3												
6/ 5	.4	.1																4	4	4	9												
4/ 3																					3												
2/ 1																					12												
TOTAL	6.3	40.6	26.9	15.6	6.3	2.0	1.9	.4										783	783	733	783												
Element (X)	Σx'		Σx		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.	4444818		57488		73.4		16.926		783		≤ 32 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total										
Dry Bulb	1249201		30451		38.9		9.114		783				19.9										90										
Wet Bulb	1050273		27813		35.5		8.927		783				34.0										90										
Dew Point	825795		23837		30.4		11.319		783				53.1										90										

PSYCHROMETRIC SUMMARY

YEARS

MONTH
0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
78/ 77																		1	1					
76/ 75														.1				1	1					
74/ 73														.2				2	2					
72/ 71													.1	.2	.1			3	3					
70/ 69										.1	.2	.5	.1	.2				11	11					
68/ 67			.1		.1		.3	.3	.1	.2		.1	.2					12	12					
66/ 65		.1	.1	.2		.1	.2	.3	.6	.5	.8	.2						25	25					
64/ 63			.1	.2		.5	.6	.5	.5	.3	.1	.2						25	25	3				
62/ 61		.1	.1	.2	.5	.7	.6	.6	.6	.7								35	35	1				
60/ 59		.3	.1	.6	1.2	.2	.6	.5	.9	.2	.1							40	40	5				
58/ 57		.8	.7	1.2	.7	.5	1.2	.6	.2	.5								57	57	3				
56/ 55		.6	.6	1.2	.5	.6	1.4	.6	.6	.3								56	56	14				
54/ 53	.1	.8	.3	.6	1.2	1.4	1.3	.7	.1									54	56	34				
52/ 51		1.5	.7	.9	.9	1.6	.6	.2	.2									53	58	35				
50/ 49	.2	1.0	1.6	.5	1.2	1.3	.5	.3	.1									58	57	57				
48/ 47	.2	1.2	.9	1.5	1.4	.8	1.2	.2										64	64	53				
46/ 45	.3	1.7	1.0	1.6	2.0	.9	.2											68	68	57				
44/ 43		1.0	1.2	2.4	.6	.6	.2	.1										55	55	32				
42/ 41		.9	1.5	1.7	1.4	.2	.1											51	51	71				
40/ 39	.2	1.0	.3	1.2	.7	.5	.1											40	40	30				
38/ 37	.1	.5	1.0	.6	.6	.2	.2											30	30	20				
36/ 35	.2	1.3	.6	1.2	.8	.2												37	37	51				
34/ 33	.3	.3	.6	.2	.1	.1												13	18	43				
32/ 31	.5	.2	.6	.6	.7													22	24	32				
30/ 29	.1	.1		.2	.2															32				
28/ 27	.2		.5															6	9	15				
26/ 25		.2	.1															3	3	10				
24/ 23			.1	.1														2	2	1				
22/ 21		.5																4	4	3				
20/ 19	.1	.3																4	4	5				
18/ 17																				2				
16/ 15		.1																1	1					
14/ 13	.1	.2																3	3	2				
12/ 11	.1	.1																2	2	4				
Element (X)	Σ x ²			Σ x			x̄			σ _x			No. Obs.			Mean No. of Hours with Temperature								
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total		
Dry Bulb																								
Wet Bulb																								
Dew Point																								

PSYCHROMETRIC SUMMARY

YEARS

PAGE 2

5960-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	O.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
10/ 9																						3
8/ 7																						6
6/ 5																						3
4/ 3																						6
2/ 1																						4
TOTAL	3.0	15.3	13.8	17.0	15.1	11.0	9.3	4.8	4.2	2.0	1.5	.8	.8	.1	.1				861		861	861

0-26.5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

67-70, 73-78

STATION

STATION NAME

YEARS

13V
MONTH

PAGE 1

1200-1400

HOURS (L, S, T,)

[illegible]

PSYCHROMETRIC SUMMARY

MONTH

YEARS

1200-1400
HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

YEARS

195V
MONTH

PAGE 1 1530-1700
HOURS (L. S.-T.)

[illegible]

PSYCHROMETRIC SUMMARY

67-71, 73-78

STATION

STATION NAME

YEARS

22

MOYTH

Page 2

1500-1700

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
20/ 19		.3	.2																5	3	46			
18/ 17		.2																	2	2	36			
16/ 15																					26			
14/ 13																					23			
12/ 11																					10			
10/ 9																					9			
8/ 7																					7			
6/ 5																					4			
4/ 3																								
TOTAL	.5	6.5	5.7	5.2	6.5	9.4	9.9	8.1	7.2	5.3	5.3	6.1	6.5	3.0	3.4	1.7	1.5		859	459	659			

FORM 0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

23021 REFSE AFR TX

7-70, 73-76

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1000-2000

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																							TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb		Wet Bulb		Dew Point		Dry Bulb		Wet Bulb	
76/ 75												.1	.2	.4													
72/ 71									.1	.1	.2		.4	.4	.1									11	11		
70/ 69										.1	.6	.2	.1														
68/ 67					.4		.1	.3	.8	.4	.4	.2												2	2		
66/ 65					.1	.1	.4	.1	1.0	.7	.7	.4	.1											27	27		
64/ 63			.4	.3	.3	.8	.3	.7	.4	1.1	.6	.1												3	3		
62/ 61			.3	.4	.4	.3	1.5	1.1	.4	.3	.5	.1												3	3		
60/ 59		.1	.4	.8	.3	.6	1.2	.7	.8	.7														41	41	7	
58/ 57		.6	.1	1.0	.6	.4	1.8	1.0	.7	.7	.6													53	53	12	3
56/ 55		.3	.4	.3	.8	1.4	1.1	1.0	.1	.6	.3													21	21	1	4
54/ 53		.8	.4	.3	1.0	.7	1.1	1.3	.6	.1														31	31	26	14
52/ 51		.7	.3	.6	1.5	1.0	.8	1.0	.7															47	47	42	16
50/ 49		.8	1.4	1.5	1.0	1.0	.8	.7	.4															34	34	41	13
48/ 47		.6	.8	1.4	1.7	1.1	.7	.3																21	21	72	19
46/ 45	.4	1.1	.6	.7	.4	1.0	.8	.4																30	30	8	26
44/ 43		.7	1.0	1.5	1.0	.1	.4	.3																26	26	71	24
42/ 41		.3	1.1	.8	.4	1.0	.6																	20	20	61	36
40/ 39		.6	1.1	1.2	1.1	.4	.3																	24	24	37	26
38/ 37		1.0	1.0	.4	.4	.1																		21	21	38	49
36/ 35	.3	.8	.7	.6	.3	.1																		22	22	31	31
34/ 33	.1	.4	.6	.3	.1	.1																		12	12	3	52
32/ 31	.1	.2			.4																			6	6	20	53
30/ 29	.1		.4	.1	.1																			4	4	22	38
28/ 27			.1	.1																				2	2	7	44
26/ 25		.3	.1																					3	3	3	51
24/ 23	.1	.3																						2	2	11	40
22/ 21		.3																						2	2	2	31
20/ 19	.1																							1	1	3	23
18/ 17																											23
16/ 15		.3																						2	2		24
14/ 13		.1																						1	1	3	24
12/ 11		.1																						1	1	1	9
10/ 9																											5
8/ 7		.3																						2	2	2	0
Element (X)	Σ X'		Σ X		X		X		No. Obs.		Mean No. of Hours with Temperature																
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																											
Wet Bulb																											
Dew Point																											

FORM 3-26-5 (OL A) - REVISIO PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

7-75, 73-76

MONTH

13,0-2,00

HOURS (L. S. T.)

[illegible]

REVISED PREVIOUS EDITIONS OF THIS PROGRAM ARE OBSOLETE

0.26.5 (0.1 A)

FORM JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

23021

REESE AFB TX

7-72, 73-78

23

STATION

STATION NAME

YEARS

MONTH

PAGE 1

2100-2200

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
66/ 65							.2	.2	.2									2	2													
64/ 63				.2				.2		.4								4	4													
62/ 61		.2	.2	.6		.5	.6	.4	.6									17	17													
60/ 59		.4	.2	.4	.2	.2	.8	.2	.2	.4								15	15	1												
58/ 57		.6	.2	1.3		.6	.8											17	17	7	3											
56/ 55		.8	1.3	1.1	.6	1.1	1.1		.6									31	31	5												
54/ 53	.4	1.3	1.1	1.1	.6	.4	.4	1.3										31	31	14	13											
52/ 51		.6	.8	2.3	1.1	1.7	.5	.6										32	32	22	9											
50/ 49	.2	.8	1.3	1.9	2.3	1.3	.8	.4										43	43	18	10											
48/ 47			1.9	1.5	1.1	1.1	.8											37	37	32	15											
46/ 45		1.1	1.5	2.1	.6	1.5	.6											35	35	36	14											
44/ 43	.6	1.5	2.1	.4	1.3	.6	.6											34	34	36	17											
42/ 41		1.1	2.1	1.7	.4	.6												29	29	44	23											
40/ 39		.6	1.9	2.9	1.3	.8	.4											29	38	49	24											
38/ 37		1.3	1.3	.8	.6													19	19	29	32											
36/ 35		1.1	1.5	.4	.8													16	17	44	20											
34/ 33	1.1	1.3	.8	1.1	.4													22	22	36	38											
32/ 31	.6	.4	1.5	1.3	.6													21	21	39	45											
30/ 29	.8	.2	.4	.2	.4													9	9	19	27											
28/ 27	.4		.2															3	3	22	21											
26/ 25			.4															2	2	6	29											
24/ 23	.2	.3	.2															5	5	6	28											
22/ 21	.2	.2																2	2	5	21											
20/ 19																				1	22											
18/ 17	.2																	1	1	1	12											
16/ 15	.2																	1	1	1	13											
14/ 13	.2	.2																2	2	1	8											
12/ 11		.2																1	1	2	5											
10/ 9	.2																	1	1	1	6											
8/ 7																					6											
6/ 5	.4																	2	2	2	3											
4/ 3	.2																	1	1	1	1											
2/ 1																					2											
0/ -1																					1											
Element (X)	ΣX^2			ΣX			\bar{X}			s_x			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.																± 0 F		± 32 F		± 67 F		± 73 F		± 80 F		± 93 F		Total				
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

245

MONTM

2100-2500

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

لَا تَقْرَأُ

MONTH

ALL

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23021

RESE AFM TX

7-70, 73-74

. iv

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L, S, T.)

[illegible]0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

JSAFETAC

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

23021 REESE AFB TX 5-7 DEC
STATION STATION NAME YEARS MONTH

PAGE 1 0000-0200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point														
58/ 57				.5		.5												2	2																
56/ 55		.5		.5					.5									5	5																
54/ 53				.5			.5	.5										5	5	2	1														
52/ 51		.5					.5	.5	.5	.5								5	5	2	1														
50/ 49					.5	.5	.5	.5										5	5	3	1														
48/ 47		1.1	.5	.5		.5	.5	.5		.5								14	14	2															
46/ 45		.5	.5	.5	.5	.5	.5			.5								17	17	3	5														
44/ 43		.5		.5		1.6	.5											17	17	4	2														
42/ 41		1.1	.5	.5	.5	.5	1.1	.5										18	18	4	9														
40/ 39		.5	2.4	1.6	.5	1.1	.5											27	27	14	5														
38/ 37		2.2	3.5	2.7	1.9	.5			.5									41	41	14	2														
36/ 35		1.6	2.4	6.2	.5	.5			.5									43	43	27	5														
34/ 33		.5	1.5	3.0	2.4													37	37	37	9														
32/ 31		1.1	4.6	2.2	1.9													36	36	34	14														
30/ 29		.5	3.0	2.4	.5													23	23	44	24														
28/ 27		3.6	3.0	3.0														36	36	35	17														
26/ 25		1.1	2.7	1.6														27	27	47	15														
24/ 23		.5	.5	.5														4	4	23	20														
22/ 21		1.1	1.1															8	8	20	40														
20/ 19		1.1	1.5	.5														12	12	13	52														
18/ 17		.5		.5														3	3	11	27														
16/ 15																				5	22														
14/ 13		.5																3	3	1	14														
12/ 11			.5															7	7	3	22														
10/ 9																				1	22														
8/ 7																				1	12														
6/ 5																					9														
4/ 3																					1														
2/ 1																					7														
0/ -1																					4														
-4/ -5																					2														
-6/ -7																					1														
-14/-15																					1														
-16/-17																					2														
Element (X)	Σ X ²					Σ X					X̄					σ _x					No. Obs.					Mean No. of Hours with Temperature									
Rel. Hum.																										≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total			
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

PSYCHROMETRIC SUMMARY

ENC

MONTH

9099-0200

HOURS (L, S, T.)

[illegible]

PSYCHROMETRIC SUMMARY

REC

MONTH

2300-0500

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point												
56/ 55		.9																	4	4	1											
54/ 53				.2	.2		.6	.6											3	3	3	3										
52/ 51		.2					.4												3	3		1										
50/ 49		.2	.4																3	3	2	1										
48/ 47				.4	.4	.9													3	3	1	1										
46/ 45	.2	.4	.4	.2	.4		.6			.4									13	13	4	1										
44/ 43		.4	.4	1.5	.4	.2	.2		.2										13	18	2	1										
42/ 41		1.3	.2	.6	.9	.6	.4												13	19	12	3										
40/ 39		.2	.6	.8	1.7	1.9	1.3	.2											31	21	14	6										
38/ 37	.6	1.5	2.1	1.1	.2	.4	.4												30	30	20	11										
36/ 35	.4	2.6	1.9	4.3	.6	.2													47	47	21	5										
34/ 33		4.3	5.4	1.1	1.1														54	56	24	9										
32/ 31	.4	1.1	6.3	1.3	.6														42	49	47	18										
30/ 29		1.5	4.7	2.1	.4														4	61	64	31										
28/ 27	.4	4.1	4.1	1.3															47	47	51	26										
26/ 25		3.0	2.6	.6															29	29	32	25										
24/ 23	.4	.3	2.4																17	17	47	25										
22/ 21	.2	.6	1.1																9	9	29	36										
20/ 19		1.7	2.4	.4															21	21	14	63										
18/ 17		.9	.4																4	6	9	29										
16/ 15		.2																	5	5	14	22										
14/ 13			.2																1	1	3	32										
12/ 11		.4	.4																6	4	3	30										
10/ 9																					3	17										
8/ 7																					2	10										
6/ 5																																
4/ 3																						2										
2/ 1																						5										
0/ -1																						4										
-2/ -3																						2										
-4/ -5																						3										
-6/ -7																						2										
-15/-17																						2										
-18/-19																						1										
Element (X)	Σ X ²			Σ X			X̄			s _x			No. Obs.			Mean No. of Hours with Temperature																
Rel. Hum.																≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total										
Dry Bulb																																
Wet Bulb																																
Dew Point																																

PSYCHROMETRIC SUMMARY

REC

YEARS

0343-0500

HOURS (L. S. T.)

[illegible]

JSAFETAC FORM 0.26-5 (OLA) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

1. ăc

MONTH

2640-01.00

HOURS (L, S, T)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point					
58/ 57		.4																2	5						
56/ 55		.4					.3											2	5						
54/ 53								.4										2	5	5					
52/ 51							.1	.1	.1									2	5	1					
50/ 49			.1				.3											5							
48/ 47	.1		.2		.3		.1	.1										7	7	1					
46/ 45		.4	.3	.1	.3	.5	.3											14	14	1					
44/ 43	.1	1.2	.9	.6	.9	.7	.4		.3									4	4	3					
42/ 41	.1	1.1	.8	.4	1.2	.7	.4	.1										3	3	6					
40/ 39	.3	.4	1.7	.8	.3	.8	.1											31	31	8					
38/ 37	.4	1.6	.8	.9	.7	.8												3	3	12					
36/ 35	.3	2.0	1.7	.9	.5	.3	.1											44	44	13					
34/ 33	.7	3.2	2.4	2.5	.8	.3												74	74	28					
32/ 31	.4	3.6	5.0	1.7	.7	.1												37	97	28					
30/ 29	.7	3.4	6.2	3.1	.4													104	104	29					
28/ 27	.3	4.4	3.2	.4														64	64	53					
26/ 25	.4	3.3	1.7	.3														46	69	53					
24/ 23	.3	2.1	2.0	.4														40	40	43					
22/ 21	.4	2.7	2.5															42	42	69					
20/ 19	.3	1.7	1.7	.4														31	21	110					
18/ 17		1.3	.5															14	14	54					
16/ 15		.3	.1															2	3	35					
14/ 13	.3	.4	.4															3	3	52					
12/ 11		.7																5	5	38					
10/ 9	.1																	1	1	33					
8/ 7		.3																2	2	27					
6/ 5																				21					
4/ 3																				5					
2/ 1																				3					
0/ -1																				3					
-2/ -3																				8					
-4/ -5																				1					
-6/ -7																				2					
-16/ -17																				2					
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature																			
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total													
Dry Bulb																									
Wet Bulb																									
Dew Point																									

PSYCHROMETRIC SUMMARY

EC

MONTH

6600-0000

<p> TOTAL 100.00 </p>	<p> 100.00 </p>
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[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

23021 REESE AFB TX

7-70, 73-76

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0900-1100
HOURS (L. S. T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL D.B./W.B.	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11	12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point				
70/ 69													.1	.1	.1							3	3		
68/ 67														.2	.2							2	2		
66/ 65												.1	.5	.1								6	6		
64/ 63					.1							.1	.1	.1	.1							5	5		
62/ 61				.1	.1						.5	.2	.2	.1								11	11		
60/ 59			.1			.2			.2		.5	.6	.2									16	16		
58/ 57			.2	.1	.2		.1		.6	.3	.2	.2										19	19	1	
56/ 55		.1			.1	.1	1.0	.9	.5		.2											22	22	3	
54/ 53				.3	.5	.6	.7	.2	.5	.3												27	27	3	1
52/ 51				.5	.2	1.2	1.2	1.2	.3													30	30	1	4
50/ 49		.1	.5	.5	.7	1.0	1.6	1.0	.3													51	51	6	1
48/ 47		.3	.7	.5	.9	1.5	1.6	.2	.2													52	52	13	1
46/ 45			.8	.5	1.0	1.5	1.5	.6	.5													56	56	35	4
44/ 43	.1	.5	1.0	.9	1.3	1.9	.8	.1														59	59	47	11
42/ 41	.2	.5	1.2	.8	2.3	1.3	1.0															63	63	64	15
40/ 39	.2	1.0	1.4	1.7	2.2	1.5	.2															72	72	62	17
38/ 37	.2	.8	2.1	2.2	1.3	.5	.3															67	67	88	18
36/ 35	.3	2.2	1.9	2.4	1.4	.6																76	76	62	27
34/ 33	.1	.7	2.0	2.2	1.2																	59	59	99	41
32/ 31	.1	.6	2.4	1.3	.9	.1																47	47	93	47
30/ 29		.5	1.7	1.0	.2																	30	30	68	45
28/ 27	.2	.5	1.4	.3	.1																	22	22	67	60
26/ 25	.2	.9	.9	.7																		24	24	44	95
24/ 23		.9	.3	.1	.1																	13	13	32	52
22/ 21	.3	.6	.2	.2																		12	12	24	79
20/ 19		.6	.3																			8	8	16	70
18/ 17			.3																			4	4	8	72
16/ 15		.5	.1																			5	5	7	53
14/ 13		.1																				1	1	4	43
12/ 11		.1																				1	1	2	32
10/ 9																								1	24
8/ 7																									20
6/ 5																									14
4/ 3																									7
Element (X)	ΣX^2		ΣX		\bar{X}		σ_x		No. Obs.		Mean No. of Hours with Temperature							Total							
Rel. Hum.											≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F									
Dry Bulb																									
Wet Bulb																									
Dew Point																									

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

YEARS

750

PAGE 2 0900-1100
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																					TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point				
2/-1																						4			
0/-1																						4			
-2/-3																						1			
-4/-5																						2			
TOTAL	2.2	12.4	19.4	17.4	15.4	12.2	9.3	4.9	3.0	1.6	1.3	.2	.6	.1				804	655	804	654				

PSYCHROMETRIC SUMMARY

23021

REESE / F² TA

7-7, 73-70

DEC

STATION

STATION NAME

YEARS

MONTH

PAGE 1

1250-1400

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point															
78/ 77														.2	.1																					
76/ 75													.2	.2	.1	.1																				
74/ 73												.1	.2	.1	.1																					
72/ 71								.5	.1	.1		.5	.6	.9	.6																					
70/ 69							.1	.1		.1	.3	.3	.9	.6																						
68/ 67					.1		.2			.3	.7	.9	1.0	.2																						
66/ 65							.2	.5	.3	.5	.8	1.2	.3																							
64/ 63							.1	.3	.6	.3	1.5	.2																								
62/ 61						.2	.5	.9	.5	1.8	1.0	.3																								
60/ 59					.2	.8	1.0	.9	1.7	1.0	.7																									
58/ 57					.5	.9	.7	1.3	1.9	1.0	.7		.2																							
56/ 55			.3		.3	.7	1.0	1.6	2.3	.1	.1																									
54/ 53			.5	.2	.1	1.7	1.9	.9	.2												1															
52/ 51		.2	.3	.8	.5	2.2	1.9	1.0	.3												1															
50/ 49		.1	.2	.5	.8	1.9	1.6	.8	.3																											
48/ 47		.3	.6	.6	1.0	1.4	.7	.3																												
46/ 45		.2	.2	1.1	.9	1.8	.8	.1																												
44/ 43			.2	.5	.6	1.6	.5	.5																												
42/ 41	.1	.1	.7	.5	.9	1.3	.6	.2																												
40/ 39		.2	.7	.2	1.0	1.4	.5																													
38/ 37		.1		1.0	.7	.6	.2																													
36/ 35	.5	.6	.6	.7	.7	.7																														
34/ 33		.1	.3	.1	.5	.2																														
32/ 31		.1	.3	.1	.5																															
30/ 29		.1	.6	.2	.1	.1																														
28/ 27	.3	.3		.2																																
26/ 25		.6			.1																															
24/ 23	.3	.7		.1																																
22/ 21		.3	.1																																	
20/ 19	.1		.2																																	
18/ 17																																				
16/ 15																																				
14/ 13																																				
12/ 11																																				
Element (X)	Σx^1	Σx					\bar{x}	σ_x	No. Obs.				Mean No. of Hours with Temperature																							
Ref. Hum.													≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total																	
Dry Bulb																																				
Wet Bulb																																				
Dew Point																																				

PSYCHROMETRIC SUMMARY

NFC

MONTH

1200-1400

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY.

YEARS

MONTH

22:1

15-0-1790

HOURS (L. S. T.)

[illegible]

FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

USAFETAC

PSYCHROMETRIC SUMMARY

YEARS

'EC

PAGE 2 15-0-1700
HOURS (P. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

EC

MONTH

14.0-2.00
HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

23021
STATION

RESE /FR TX

7-7 , 73-78

 $\mu \in \mathbb{C}$

STATION

STATION NAME

YEARS

MONTH

PAGE 4

180-200
HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
0/-1																						7	
-10/-11																						2	
-14/-15																						1	
-16/-17																						1	
-18/-19																						1	
-20/-21																						1	
TOTAL	6.7	3.7	13.1	17.6	20.1	11.1	5.5	4.7	4.4	2.7	.3	.3						441	641	641	641		

PSYCHROMETRIC SUMMARY

REC

MONTH

21.7-200

HOURS (L. S. T.)

[illegible]

PSYCHROMETRIC SUMMARY

50

MONTH

41 00-2200

HOURS (L, S, T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																			TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point			
-14/-15																					1			
-13/-19																					4			
-20/-21																					1			
TOTAL	1.1	1.1	2.0	5.2	4.9	2.7	8.4	5.4	2.0	3.0	1.3	0.0						4.5	4.5	4.5	4.5			
																		</						

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

7-71, 73-76

STATION

STATION NAME

YEARS

MONTH

Page 1

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HOURS (L. S. T.)

[illegible]

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

23021 REESE AFB TX

7-73, 73-76

REC

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point											
12/ 11			.2	.1															12	12	12	224										
10/ 9		.0																	1	1	14	132										
8/ 7			.0																2	2	4	134										
6/ 5																					1	130										
4/ 3																						50										
2/ 1																						44										
0/ -1																						35										
-2/ -3																						18										
-4/ -5																						11										
-6/ -7																						10										
-8/ -9																						2										
-10/-11																						4										
-14/-15																						3										
-16/-17																						7										
-18/-19																						6										
-20/-21																						4										
TOTAL	2.0	13.9	17.3	13.4	11.3	9.5	9.2	6.7	5.2	5.9	2.6	1.6	1.7	1.1	.4	.0			5207	5239	5207	5267										

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0-26-5 (OL A)

JUL 64

USAFETAC

PSYCHROMETRIC SUMMARY

ALL

MONIN

ALL

HOURS (L, S, T.)

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL D.B./W.B.	TOTAL			
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	Dry Bulb	Wet Bulb	Dew Point													
108/107																		3															
106/105																		17	17														
104/103																		41	41														
102/101																		77	77														
100/99																		192	192														
98/97																		310	310														
96/95																		530	530														
94/93																		700	700														
92/91																		1060	1060														
90/89																		1353	1353														
88/87																		1439	1439														
86/85																		1755	1755														
84/83																		1794	1794														
82/81																		2007	2007														
80/79																		2145	2145														
78/77																		2197	2199														
76/75																		2460	2460														
74/73																		2451	2452														
72/71																		2908	2910														
70/69																		3117	3110														
68/67																		2353	2353														
66/65																		2301	2301														
64/63																		2505	2505														
62/61																		2410	2410														
60/59																		2331	2332														
58/57																		2059	2060														
56/55																		2060	2060														
54/53																		1974	1975														
52/51																		1852	1852														
50/49																		1848	1848														
48/47																		1753	1753														
46/45																		1752	1753														
44/43																		1767	1767														
42/41																		1561	1562														
Element (X)	Σ X ²			Σ X			X̄			σ _x			No. Obs.			Mean No. of Hours with Temperature																	
Rel. Hum.													≤ 0 F			≤ 32 F			≥ 67 F			≥ 73 F			≥ 80 F			≥ 93 F			Total		
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

PSYCHROMETRIC SUMMARY

7-71, 73-79

ALL

STATION

STATION NAME

YEARS

MONTH

Page 6

411

HOURS (1 - 5 - 7 -)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point		
40/ 39	.1	.5	.5	.5	.4	.3	.1	.0										1611	1611	2567	1691		
38/ 37	.1	.5	.5	.5	.4	.2	.0	.0										1474	1474	2452	2077		
36/ 35	.1	.6	.5	.5	.3	.1	.0	.0										1507	1507	2264	2289		
34/ 33	.2	.6	.5	.4	.2	.0	.0											1414	1414	2255	2192		
32/ 31	.2	.7	.7	.3	.2	.0	.0											1475	1475	2010	2203		
30/ 29	.2	.5	.5	.3	.1	.0												1060	1060	1364	2420		
28/ 27	.1	.6	.3	.2	.0													848	848	1622	2499		
26/ 25	.1	.5	.3	.1	.0													666	666	1204	2646		
24/ 23	.1	.3	.2	.1	.0													443	443	950	2503		
22/ 21	.1	.4	.2	.0	.0													466	466	564	2353		
20/ 19	.1	.4	.2	.0														446	447	476	2473		
18/ 17	.3	.2	.1	.0														207	209	407	1858		
16/ 15	.0	.1	.0	.0														101	101	261	1384		
14/ 13	.0	.1	.0															67	67	108	1148		
12/ 11	.0	.1	.0															58	58	62	688		
10/ 9	.0	.1	.0															54	54	72	680		
8/ 7	.0	.0																31	31	44	480		
6/ 5	.0	.0																14	14	20	347		
4/ 3	.0	.0																7	7	12	217		
2/ 1	.0																	2	2	2	151		
0/ -1																					103		
-2/ -3																					46		
-4/ -5																					59		
-6/ -7																					39		
-8/ -9																					26		
-10/-11																					7		
-14/-15																					3		
-16/-17																					7		
-18/-19																					8		
-20/-21																					4		
TOTAL	2.2	12.1	12.7	10.7	9.6	8.4	7.6	6.6	5.8	5.1	4.3	3.9	3.0	2.5	1.9	1.3	2.4	68240	68255		68240		
					</																		

REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

0.26.5 (OL-A)

WFO

1

AC

13

AFFE

USA

3

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/PAC

MEANS AND STANDARD DEVIATIONS

DAY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23021 REESE FLD TX

-7-7, 73-79

STATION	STATION NAME	YEARS												
HRS LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN	30.9	34.5	44.4	56.1	63.1	71.4	74.0	72.5	66.1	52.3	42.3	34.2	52.6
	S D	8.493	9.402	9.438	9.064	7.769	5.787	4.732	4.384	7.409	10.161	10.307	8.597	17.182
	TOTAL OBS	423	422	350	373	291	261	337	297	260	272	261	372	4619
03-05	MEAN	29.6	34.1	40.6	51.1	59.8	66.3	69.7	67.6	61.5	50.5	40.0	32.8	51.2
	S D	8.763	8.894	9.847	9.064	7.546	5.729	3.533	4.027	6.583	10.260	9.023	7.244	15.000
	TOTAL OBS	566	544	522	527	647	614	630	637	618	627	493	467	6902
06-08	MEAN	29.6	32.0	39.6	50.9	60.1	70.7	70.8	68.0	60.5	49.6	38.8	31.4	50.2
	S D	9.046	9.422	10.021	9.047	7.614	6.780	4.317	4.564	7.001	10.657	9.114	7.225	16.791
	TOTAL OBS	547	775	837	817	843	721	836	850	801	844	783	754	9608
09-11	MEAN	35.7	41.6	51.0	62.1	70.5	78.3	80.0	77.8	70.2	61.1	48.9	41.0	60.2
	S D	11.461	11.352	12.369	9.461	7.782	7.504	6.222	6.189	8.330	9.969	10.601	11.146	17.956
	TOTAL OBS	597	821	898	863	910	899	909	930	885	910	861	838	10778
12-14	MEAN	45.0	51.9	59.9	70.4	78.5	86.2	86.6	85.0	77.1	69.9	58.2	51.9	66.6
	S D	14.322	13.782	13.671	11.537	9.429	8.444	6.839	7.160	9.540	11.617	12.857	11.730	17.807
	TOTAL OBS	809	834	924	900	813	800	908	930	885	910	878	830	10778
15-17	MEAN	49.2	55.1	62.0	73.2	81.3	90.2	89.1	87.7	79.7	72.0	60.3	54.7	71.3
	S D	14.553	14.038	13.567	10.691	9.667	8.346	7.306	7.146	10.178	11.256	12.835	11.968	17.810
	TOTAL OBS	881	910	895	873	877	857	874	887	858	885	859	825	10381
18-20	MEAN	42.0	48.8	57.7	68.6	77.0	84.9	85.7	83.7	74.6	64.5	51.2	44.7	65.4
	S D	11.799	12.066	12.456	10.334	9.104	8.575	7.264	6.942	9.173	11.123	10.045	8.482	18.379
	TOTAL OBS	764	718	753	739	739	723	730	741	702	746	724	641	8734
21-23	MEAN	38.2	41.2	49.8	60.1	68.5	76.3	78.5	76.8	68.7	58.2	45.2	38.5	58.5
	S D	9.594	9.347	10.043	9.062	7.270	6.867	5.801	5.169	7.707	9.636	10.324	9.017	17.273
	TOTAL OBS	527	501	556	554	564	552	540	569	494	497	476	485	6857
ALL HOURS	MEAN	38.2	43.6	52.0	62.7	70.3	78.5	80.1	78.2	70.6	61.1	48.5	42.7	58.9
	S D	13.855	14.000	14.563	12.771	11.068	11.084	9.231	9.483	11.923	12.939	13.549	12.137	19.089
	TOTAL OBS	5009	5435	5785	5606	5987	5750	5815	5941	5603	5004	5433	5209	68255



USAFETAC FORM 0.89.5 (OLA)

GLOB'L CLIMATELOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

23021 RCESS AFB TX

7-7, 73-75

STATION	STATION NAME												YEARS
HRS LST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00-02	MEAN 24.9	31.9	36.1	47.3	55.8	61.8	64.7	64.1	59.3	47.5	35.7	29.7	46.7
	S D 7.435	7.147	6.913	4.525	7.312	4.484	2.523	3.822	5.705	7.331	10.029	7.507	5.251
	TOTAL OBS 422	422	360	373	391	381	337	394	367	372	351	372	4616
03-05	MEAN 24.4	30.2	35.0	44.9	52.3	58.5	63.3	62.1	57.3	45.2	34.3	28.4	46.2
	S D 7.455	7.297	8.228	9.225	5.213	5.214	2.828	3.810	6.273	7.115	8.500	7.290	14.866
	TOTAL OBS 565	544	532	527	547	614	622	636	613	627	483	467	6901
06-08	MEAN 26.0	29.1	35.2	45.2	54.4	61.8	64.2	62.3	57.2	45.3	35.5	27.8	45.6
	S D 8.347	7.464	8.975	7.212	7.908	5.273	2.948	3.804	6.384	7.562	8.327	7.291	15.579
	TOTAL OBS 347	774	837	817	842	821	836	850	801	844	763	734	9807
09-11	MEAN 30.8	35.3	41.8	50.4	58.4	64.5	68.0	66.9	61.4	52.1	41.4	32.9	50.7
	S D 9.046	7.719	8.819	7.777	5.571	4.863	2.436	3.205	6.077	7.333	8.454	7.444	14.697
	TOTAL OBS 596	315	858	883	914	899	909	930	885	914	851	804	10672
12-14	MEAN 36.4	40.4	45.3	52.4	59.4	64.8	63.7	67.3	62.7	54.4	45.4	39.3	53.2
	S D 9.343	7.683	8.137	7.002	6.001	4.698	2.547	3.215	5.777	7.341	8.211	7.411	13.000
	TOTAL OBS 900	334	924	900	913	900	909	930	885	918	876	879	10777
15-17	MEAN 39.0	41.5	45.9	52.7	58.9	64.6	68.2	67.5	62.8	54.4	45.9	40.4	53.5
	S D 9.145	7.263	7.509	5.277	5.571	4.391	2.546	3.247	5.591	6.892	7.875	7.248	12.274
	TOTAL OBS 779	510	895	873	877	857	874	887	858	865	859	825	10379
18-20	MEAN 34.2	38.4	43.5	51.3	57.7	63.5	67.2	66.5	61.4	51.9	42.0	35.6	51.2
	S D 8.415	6.961	7.393	6.839	5.824	4.531	2.531	3.483	5.366	7.280	8.219	6.927	13.254
	TOTAL OBS 764	712	763	739	738	729	730	741	702	746	724	641	8734
21-23	MEAN 30.1	34.5	39.6	48.4	56.2	62.3	65.8	65.0	59.7	49.4	39.3	32.1	48.8
	S D 7.517	4.436	7.230	7.855	6.509	4.880	2.614	3.697	5.609	7.619	8.220	7.527	14.245
	TOTAL OBS 522	561	556	554	564	553	540	565	494	498	476	485	6254
ALL HOURS	MEAN 31.7	35.7	41.1	49.5	57.0	63.5	66.6	65.6	60.5	51.7	41.1	34.2	50.0
	S D 9.727	8.558	9.065	8.299	7.035	5.132	3.242	4.081	6.289	7.365	9.417	7.647	14.382
	TOTAL OBS 5006	5482	5785	5666	5887	5753	5815	5934	5603	5304	5433	5237	51240

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

22021 REESB AFB TX

67-70, 73-79

STATION	STATION NAME												YEARS											
HRS (ST)														ANNUAL										
MEAN	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00-02	10.0	23.9	24.3	37.4	49.9	55.8	59.4	59.1	54.7	41.0	32.0	20.1	39.5											
S D	9.168	9.687	10.230	13.604	17.983	6.748	5.114	5.710	7.221	9.332	12.005	11.164	17.908											
TOTAL OBS	422	422	380	373	391	381	387	394	360	372	361	372	4616											
MEAN	19.7	23.4	26.5	37.6	48.4	55.3	59.5	58.7	54.3	41.7	30.8	20.2	40.9											
S D	9.707	9.578	11.108	13.456	12.072	7.077	4.721	5.133	7.187	9.905	11.758	10.370	17.502											
TOTAL OBS	566	544	532	527	647	614	630	636	618	627	493	467	6901											
MEAN	20.1	23.1	28.5	38.5	49.5	56.2	60.4	59.4	54.5	41.8	30.4	20.5	47.5											
S D	10.069	9.713	11.405	13.157	11.324	7.335	4.393	4.803	7.570	10.291	11.315	9.767	17.656											
TOTAL OBS	547	774	827	817	843	821	826	850	801	844	763	754	9807											
MEAN	22.5	26.4	31.3	39.2	49.4	56.8	62.0	61.1	55.9	44.0	32.5	23.1	42.3											
S D	10.258	9.271	11.133	12.945	11.385	7.798	3.941	4.557	7.840	10.657	11.232	9.511	17.095											
TOTAL OBS	896	819	898	883	914	899	929	930	885	914	861	864	10672											
MEAN	23.9	26.9	30.4	37.0	46.6	53.5	60.1	59.4	54.3	42.4	32.0	23.3	41.0											
S D	10.300	9.341	10.714	12.696	11.909	8.672	4.998	5.441	8.287	10.555	11.412	9.673	16.347											
TOTAL OBS	909	934	924	900	913	900	929	930	885	919	876	879	10777											
MEAN	23.7	26.0	28.8	35.3	43.9	51.4	58.3	57.6	52.9	40.9	31.0	22.6	39.5											
S D	9.954	9.165	10.207	11.993	11.873	8.754	5.418	5.992	8.682	10.237	11.226	9.768	15.885											
TOTAL OBS	870	810	895	873	877	857	874	887	850	985	859	825	13379											
MEAN	22.8	25.2	27.6	35.6	43.8	51.3	58.1	57.6	53.2	41.0	31.0	22.2	39.2											
S D	10.026	9.555	10.829	12.897	11.860	9.886	5.519	6.229	8.198	10.380	11.469	10.403	16.324											
TOTAL OBS	764	718	763	739	732	720	720	741	702	746	724	641	8734											
MEAN	21.1	24.3	26.3	36.3	46.5	53.5	59.0	58.3	53.7	41.1	31.6	21.3	39.7											
S D	9.251	9.768	11.497	13.570	11.772	8.706	5.492	5.982	7.902	10.143	11.261	11.293	17.172											
TOTAL OBS	822	561	556	554	564	558	540	566	494	498	476	465	6354											
ALL HOURS	MEAN	21.9	25.1	28.5	37.1	47.1	54.1	59.7	59.0	54.2	41.9	31.4	21.9	40.4										
S D	10.144	9.574	11.077	13.013	11.542	8.392	5.088	5.580	8.120	10.332	11.422	11.101	16.922											
TOTAL OBS	5806	5482	5785	5668	5887	5752	5815	5934	5603	5304	5433	5207	64240											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23021 RLBSE AFB TX

66-70, 73-79

JAN

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	00.0	00.0	98.0	91.3	72.8	54.1	34.0	18.9	7.6	63.3	423
	03-05	00.0	00.0	98.9	95.4	85.3	67.1	44.9	24.2	11.3	68.2	566
	06-08	00.0	00.0	99.6	96.5	89.0	75.2	54.5	31.6	13.9	71.8	847
	09-11	00.0	99.2	95.2	84.4	67.1	52.7	36.6	20.5	9.6	62.1	896
	12-14	99.9	93.1	72.8	52.4	35.7	24.8	17.3	12.7	5.2	46.9	909
	15-17	00.0	87.5	62.2	41.6	27.4	19.2	13.5	10.1	4.2	42.1	879
	18-20	00.0	96.1	83.0	61.5	44.0	31.4	21.1	13.1	4.5	51.0	764
	21-23	00.0	99.8	96.2	83.9	61.9	44.4	26.4	16.5	5.9	58.9	522
TOTALS		100.0	97.0	88.3	75.9	60.4	46.1	31.3	18.5	7.8	58.0	5806

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

Fr:8

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	00-02	100.0	96.7	90.8	79.9	71.5	60.0	44.8	30.6	15.4	64.5	422
	03-05	100.0	98.3	94.5	86.2	78.7	68.6	51.8	35.5	18.2	68.7	544
	06-08	100.0	99.5	96.9	92.0	84.9	75.2	56.8	39.8	20.9	72.2	774
	09-11	100.0	96.3	86.0	75.1	62.4	49.2	37.1	25.8	14.5	60.3	819
	12-14	99.4	80.9	62.6	47.2	37.1	29.3	22.3	14.4	7.4	45.5	834
	15-17	98.8	71.2	51.5	38.0	29.5	22.8	16.7	10.7	5.9	39.8	810
	18-20	99.9	83.1	66.4	51.3	39.3	30.4	22.1	14.5	6.8	46.7	718
	21-23	100.0	94.3	82.5	69.2	56.5	44.4	33.0	21.9	11.9	56.7	561
TOTALS		99.8	90.0	78.9	67.4	57.4	47.5	35.6	24.2	12.6	56.8	5482

UŠAFETAČ

FORM
JUL 64

0.87.5 (OL A)

RELATIVE HUMIDITY

MAR

STATION

STATION NAME

PERIOD.

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN -									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAR.	00-02	100.0	94.2	77.6	57.4	44.5	31.8	21.3	9.5	5.0	49.8	380
	03-05	100.0	98.3	90.2	75.4	63.3	53.0	39.7	25.6	9.0	61.1	532
	06-08	100.0	99.9	96.4	86.4	76.1	65.0	49.1	35.1	11.7	67.6	837
	09-11	100.0	92.4	79.7	66.7	50.1	36.4	24.0	11.9	3.0	52.3	898
	12-14	99.2	75.4	55.1	38.7	25.5	17.0	10.8	6.4	1.3	38.4	924
	15-17	99.1	63.5	42.5	27.6	18.8	13.0	7.8	4.1	1.3	33.2	895
	18-20	100.0	72.1	50.9	34.9	24.4	16.4	10.4	6.0	2.0	37.3	763
	21-23	100.0	86.7	68.3	51.1	38.1	25.9	15.5	7.6	1.8	45.3	556
TOTALS		99.8	85.3	70.1	54.8	42.6	32.3	22.4	13.3	4.6	48.1	5785

FORM -
JUL 64

0.875 (OL-A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23021 REESE AFB TX

67-70, 73-78

APR

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	00-02	100.0	93.8	82.6	67.8	55.5	42.4	30.0	17.3	3.8	55.4	373
	03-05	100.0	98.3	90.7	82.4	69.8	55.4	45.4	27.3	11.4	63.9	527
	06-08	100.0	97.9	92.9	85.3	73.8	60.8	47.9	32.3	12.0	65.9	817
	09-11	100.0	88.2	72.9	57.1	43.1	30.8	19.0	9.7	3.4	48.2	883
	12-14	97.7	69.0	45.3	31.8	21.6	14.2	6.7	3.8	1.0	34.7	900
	15-17	98.3	58.1	33.7	24.3	14.9	10.3	5.8	3.7	1.4	30.0	873
	18-20	99.5	48.3	44.7	33.3	23.3	15.4	10.0	5.3	1.4	35.3	739
	21-23	100.0	86.5	70.2	51.8	40.1	28.0	21.7	10.6	1.0	46.6	554
TOTALS		99.7	82.5	66.6	54.2	42.8	32.2	23.3	14.0	4.5	47.5	5666

USAFETAC

FORM
JUL 64

0-87-5 (OL-A)

RELATIVE HUMIDITY

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	99.0	94.4	88.2	76.2	62.7	41.2	23.3	8.4	65.1	391
	03-05	100.0	98.0	94.7	91.0	85.6	75.9	57.5	35.9	14.5	71.3	647
	06-08	100.0	98.7	95.1	91.5	86.0	74.3	54.7	33.5	13.6	70.7	843
	09-11	100.0	91.6	81.8	68.3	51.0	33.0	17.4	9.2	2.6	51.0	214
	12-14	99.1	78.2	55.8	37.3	21.1	12.5	6.6	2.8	.7	36.9	913
	15-17	98.2	65.3	40.6	22.8	13.2	8.0	5.5	2.4	.8	31.0	877
	18-20	99.1	72.0	50.9	34.1	22.4	14.1	7.0	3.5	.8	35.7	738
	21-23	99.8	91.5	80.1	63.5	47.7	31.6	17.0	6.9	2.3	49.6	564
TOTALS		99.5	86.8	74.2	62.1	50.5	39.0	25.9	14.7	5.5	51.4	5887

FORM
JUL 64

0-87-5 (ÖL.A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

230-21 PLEASE AFR TX

57-70, 73-78

JUL

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	99.0	97.9	96.0	60.1	44.9	22.0	10.2	1.0	59.1	301
	03-05	100.0	99.7	99.2	98.0	89.7	71.5	47.4	25.4	0.2	59.4	614
	06-08	100.0	99.3	98.5	96.1	87.1	69.8	45.9	24.5	0.0	58.4	921
	09-11	99.9	96.9	87.7	70.0	45.7	24.8	11.8	5.1	1.0	50.1	899
	12-14	99.0	83.2	57.2	33.0	15.7	8.4	4.4	2.0	.0	35.9	900
	15-17	99.5	74.2	40.8	19.6	10.5	5.8	2.7	.9	.4	30.6	857
	18-20	99.7	79.7	52.7	30.2	17.3	11.1	4.8	1.8	.5	35.3	720
	21-23	100.0	95.7	84.2	60.1	38.2	26.5	15.2	7.2	1.0	48.6	550
TOTALS		99.9	91.1	77.5	52.1	45.4	32.9	19.3	9.0	2.4	49.7	5750

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

444

STATION

STATION NAME:

PERIOD

MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUL	00-02	100.0	100.0	97.7	87.9	75.4	56.6	37.5	22.0	1.0	62.6	167
	03-05	100.0	100.0	100.0	77.1	49.5	28.6	15.2	7.5	3.9	71.3	830
	06-08	100.0	100.0	99.9	97.8	90.9	78.1	53.8	31.0	5.4	71.1	836
	09-11	100.0	99.4	96.3	85.8	61.5	36.3	18.0	7.5	1.0	56.2	909
	12-14	100.0	96.4	81.0	52.1	27.0	13.2	5.8	1.3		43.4	909
	15-17	100.0	92.9	62.7	33.4	18.7	9.5	4.0	1.5	.1	37.9	874
	18-20	100.0	95.3	71.9	45.2	27.7	15.3	7.5	2.7		42.2	730
	21-23	100.0	99.4	90.9	73.7	52.2	35.6	21.7	10.2		53.9	540
TOTALS		100.0	97.9	87.0	71.6	55.1	40.4	25.5	12.7	1.7	54.8	5815

FORM
202 64

0-87-5 (OL A)

RELATIVE HUMIDITY

Aug
MON

MONTH	HOURS (L.S.T)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	97.7	80.5	7.4	32.0	17.0	1.0	64.2	379
	03-05	100.0	100.0	100.0	100.0	97.5	4.3	50.4	31.6	10.2	73.5	656
	06-08	100.0	100.0	100.0	100.0	97.1	6.2	59.9	37.8	11.5	74.6	650
	09-11	100.0	100.0	97.8	89.1	65.9	18.0	28.7	11.7	1.7	58.2	930
	12-14	100.0	98.1	83.5	50.8	27.5	16.1	9.1	3.0	.2	44.4	560
	15-17	100.0	95.5	68.1	31.6	16.3	10.5	5.3	1.9	.1	39.5	807
	18-20	100.0	97.6	78.5	45.1	28.5	16.1	9.4	2.6	.3	43.6	741
	21-23	100.0	100.0	96.4	81.8	50.5	30.9	19.6	9.5	.9	54.8	560
TOTALS		100.0	98.9	89.5	74.5	58.2	32.4	26.7	14.0	3.5	56.5	5939

5-10

1

REF ID: A67890

STATION NAME

51-70:72-70

PERIOD

924
MONTH

!

FORM
FILE 4-2

0-87.5 (OL A)

CLIMATE CLIMATOLOGY SECTION
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23021 BLFSE AFB TX

67-70, 73-78

PCT

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN- RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-07	100.0	100.0	98.4	95.0	77.7	54.3	31.2	17.2	8.6	63.5	272
	08-05	100.0	100.0	99.4	98.2	92.0	77.7	59.5	37.3	12.3	13.4	627
	06-08	100.0	100.0	99.0	99.1	93.7	81.3	65.8	46.0	16.2	75.9	844
	09-11	100.0	98.2	90.2	76.7	58.2	42.6	27.9	16.3	7.1	57.2	914
	12-14	100.0	86.8	65.9	42.5	27.0	18.1	11.1	7.3	4.4	41.9	918
	15-17	99.9	78.0	50.2	32.4	19.5	12.7	7.6	7.6	2.7	37.1	885
	18-20	100.0	95.3	75.0	51.6	35.1	23.5	13.3	7.4	3.4	40.1	746
	21-23	100.0	100.0	96.4	77.9	53.2	36.7	20.5	10.6	2.6	55.4	498
TOTALS		100.0	94.8	84.2	71.2	57.1	43.1	29.9	17.0	6.6	56.3	5804

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

RELATIVE HUMIDITY

1145

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
IV	00-02	100.0	100.0	98.3	91.1	82.3	69.3	51.0	30.7	10.2	69.0	361
	03-05	100.0	100.0	98.2	93.1	86.0	73.6	55.6	38.1	14.8	71.9	493
	06-08	100.0	100.0	99.1	94.5	88.3	77.1	61.3	41.8	15.7	73.4	783
	09-11	100.0	97.6	88.0	74.3	58.2	43.1	29.0	13.4	8.4	57.4	801
	12-14	97.8	84.9	62.8	43.3	31.7	22.1	12.6	7.9	3.8	42.5	876
	15-17	100.0	76.7	52.0	36.4	27.4	17.7	12.0	7.2	2.3	38.8	859
	18-20	100.0	93.8	78.5	61.3	46.8	34.1	20.9	11.5	5.9	50.8	724
	21-23	100.0	100.0	94.7	81.9	68.7	54.0	37.4	21.0	9.2	62.2	470
TOTALS		100.0	94.1	84.2	72.0	61.2	48.9	35.1	22.1	8.8	58.3	5433

FORM 11-1-62

0-87-5 (ÖL. Á).

RELATIVE HUMIDITY

67-70, 72-78

DLC

STATION

STATION NAME

PERIOD

MONTH

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	00-02	98.4	97.3	92.2	82.5	67.7	47.0	22.4	11.0	4.7	58.0	372
	03-05	99.1	98.7	94.4	87.4	75.4	59.3	33.4	15.0	6.0	62.5	407
	06-08	99.7	99.3	97.2	90.5	81.0	64.9	43.9	23.5	8.0	66.5	754
	09-11	100.0	97.1	86.7	68.3	51.0	34.6	21.2	11.0	4.1	52.9	864
	12-14	99.3	82.0	54.8	32.3	18.8	11.5	6.6	3.8	1.7	36.6	879
	15-17	99.2	73.1	43.4	23.3	13.2	8.7	3.7	3.8	1.7	32.6	825
	18-20	98.9	93.1	76.9	53.0	33.1	19.5	11.1	4.1	1.2	44.6	641
	21-23	98.9	97.0	89.0	75.9	54.2	33.8	20.0	9.2	2.6	53.4	465
TOTALS		99.3	92.2	79.3	64.2	49.3	34.9	20.9	10.4	3.5	50.9	5767

USAFÈTAC

FORM 111-A4

0.87.5 (OL A)

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/MAC

RELATIVE HUMIDITY

23021
STATION

REESE AFB TX

STATION NAME

67-70, 73-79

PERIOD

ALL

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	97.0	88.3	75.9	60.4	46.1	31.3	18.5	7.8	58.0	5806
FEB		99.8	90.0	78.9	67.4	57.4	47.5	35.6	24.2	12.6	56.8	5482
MAR		99.8	85.3	70.1	54.8	42.6	32.3	22.4	13.3	4.6	48.1	5785
APR		99.7	82.5	66.6	54.7	42.6	32.2	23.3	14.0	4.5	47.5	5666
MAY		99.5	86.8	74.2	62.1	50.5	39.0	25.9	14.7	5.5	51.4	5887
JUN		99.9	91.1	77.5	62.1	46.4	32.9	19.3	7.6	2.4	49.7	5758
JUL		100.0	97.9	87.6	71.6	55.1	40.4	25.5	13.7	1.7	54.8	5815
AUG		100.0	98.9	90.5	74.5	58.7	42.4	26.7	14.0	3.3	56.5	5934
SEP		99.9	97.4	91.3	80.6	67.6	54.8	40.5	24.2	7.2	62.1	5603
OCT		100.0	94.8	84.2	71.2	57.1	43.1	29.9	19.0	6.8	56.3	5804
NOV		100.0	94.1	84.2	72.0	61.2	48.9	35.1	22.1	8.6	58.3	5433
DEC		99.3	92.2	79.3	64.2	49.3	34.9	20.9	10.4	3.5	50.9	5267
TOTALS		99.8	92.3	81.1	67.6	54.1	41.2	28.0	16.5	5.7	54.2	68240

USAFETAC

FORM
JUL 64

0-87-5 (OL A)

U S AIR FORCE
ENVIRONMENTAL TECHNICAL
APPLICATIONS CENTER

PART F

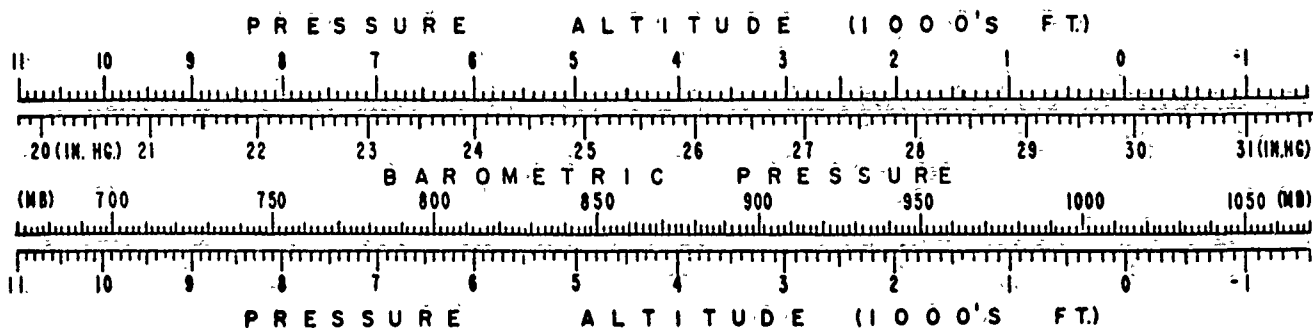
PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.
METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.
2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/TAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

23021 REESE AFB TX

7-70, 73-74

STATION		STATION NAME												YEARS											
HRS (LST)																									
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL											
00	MEAN	26.639	26.613	26.524	26.540	26.518	26.574	26.649	26.645	26.642	26.667	26.641	26.627	26.606											
	S D	.189	.175	.160	.151	.150	.119	.066	.061	.130	.148	.179	.190	.157											
	TOTAL OBS	141	141	132	132	137	141	137	140	120	124	121	124	1596											
03	MEAN	26.643	26.604	26.512	26.527	26.503	26.569	26.638	26.644	26.635	26.659	26.636	26.613	26.597											
	S D	.184	.175	.187	.152	.120	.108	.065	.077	.126	.145	.162	.193	.155											
	TOTAL OBS	141	141	125	121	123	127	124	125	123	124	120	124	1516											
05	MEAN	26.614	26.614	26.526	26.536	26.537	26.571	26.653	26.645	26.641	26.651	26.632	26.592	26.601											
	S D	.164	.185	.174	.154	.141	.125	.070	.081	.127	.161	.189	.191	.160											
	TOTAL OBS	271	249	264	260	276	267	272	275	257	273	247	221	3138											
07	MEAN	26.650	26.551	26.560	26.563	26.568	26.597	26.678	26.673	26.668	26.687	26.662	26.620	26.632											
	S D	.189	.188	.175	.165	.145	.124	.073	.084	.127	.158	.167	.194	.161											
	TOTAL OBS	291	265	268	268	295	299	313	310	295	302	275	277	3494											
12	MEAN	26.653	26.653	26.550	26.544	26.550	26.581	26.664	26.664	26.661	26.668	26.661	26.617	26.622											
	S D	.191	.188	.182	.167	.146	.125	.072	.084	.127	.161	.189	.190	.168											
	TOTAL OBS	303	276	308	300	304	307	303	310	295	306	282	284	3593											
15	MEAN	26.681	26.581	26.482	26.487	26.495	26.531	26.618	26.614	26.606	26.605	26.596	26.532	26.562											
	S D	.191	.186	.173	.166	.148	.126	.073	.084	.129	.161	.166	.195	.164											
	TOTAL OBS	303	278	308	300	305	300	303	317	295	305	292	291	3593											
18	MEAN	26.687	26.574	26.470	26.468	26.461	26.493	26.564	26.567	26.588	26.601	26.604	26.567	26.547											
	S D	.191	.170	.175	.163	.142	.123	.070	.083	.131	.163	.176	.137	.104											
	TOTAL OBS	280	261	283	272	258	244	253	257	248	208	271	238	3138											
21	MEAN	26.622	26.609	26.511	26.518	26.490	26.535	26.613	26.617	26.618	26.630	26.632	26.598	26.581											
	S D	.186	.174	.172	.153	.130	.127	.067	.079	.135	.152	.174	.186	.157											
	TOTAL OBS	201	210	215	214	215	217	215	217	197	195	194	177	2460											
ALL HOURS	MEAN	26.621	26.613	26.517	26.521	26.518	26.556	26.638	26.636	26.633	26.644	26.638	26.595	26.594											
	S D	.190	.184	.180	.164	.145	.128	.076	.088	.132	.161	.185	.194	.164											
	TOTAL OBS	1931	1323	1923	1885	1322	1886	1910	1956	1830	1897	1812	1746	22827											

GLOBAL CLIMATOLOGY BRANCH
USAFETAC
AIR WEATHER SERVICE/AF

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN OBS FROM MONTHLY OBSERVATIONS

23021 RENSE APB TX

7-7, 73-78

STATION	STATION NAME	YEARS												
HRS (EST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
00	MEAN S D TOTAL OBS	1011.61 8.238 141	1016.11 7.517 141	1011.51 7.523 132	1010.71 6.587 132	1009.91 5.442 127	1011.11 4.893 141	1012.81 3.031 137	1012.91 3.650 140	1013.41 5.399 120	1015.61 5.326 124	1016.51 7.301 121	1016.8 8.381 124	1012.6 7.083 1533
03	MEAN S D TOTAL OBS	1014.21 8.223 141	1015.61 7.551 141	1011.01 8.099 124	1009.91 6.270 120	1009.31 5.241 127	1009.71 4.522 120	1012.31 2.859 124	1012.61 3.495 124	1013.11 5.776 120	1015.41 6.320 120	1016.11 7.890 120	1016.0 8.491 124	1013.3 7.144 1509
06	MEAN S D TOTAL OBS	1017.51 8.441 270	1016.61 7.967 246	1012.51 7.503 267	1011.61 6.733 260	1010.61 6.036 275	1011.11 5.160 265	1013.71 3.119 272	1013.71 3.437 270	1014.51 5.543 257	1016.21 6.703 273	1017.21 8.020 247	1016.4 8.039 220	1014.3 6.952 3135
09	MEAN S D TOTAL OBS	1019.71 8.117 291	1018.71 7.879 265	1014.11 7.563 286	1012.61 6.876 285	1011.71 6.132 304	1011.91 5.114 299	1014.61 3.115 303	1014.81 3.545 310	1015.71 5.547 295	1017.61 5.595 302	1019.71 7.926 274	1018.0 8.314 277	1015.6 7.078 3491
12	MEAN S D TOTAL OBS	1019.21 8.286 303	1018.31 8.037 278	1013.41 7.735 308	1011.81 7.010 300	1010.81 6.235 303	1011.11 5.150 300	1014.11 3.117 303	1014.31 3.661 310	1015.21 5.633 295	1016.51 6.739 306	1017.91 8.037 292	1017.2 8.307 294	1014.9 7.226 3592
15	MEAN S D TOTAL OBS	1016.21 8.364 302	1015.21 7.942 278	1010.71 7.593 308	1009.41 6.979 300	1008.71 6.356 304	1009.11 5.201 300	1012.21 3.201 303	1012.31 3.621 310	1012.91 5.757 295	1014.01 6.783 306	1015.21 7.938 292	1014.4 8.229 292	1012.5 7.123 3590
18	MEAN S D TOTAL OBS	1016.71 8.276 281	1015.31 7.529 260	1013.41 7.431 283	1008.91 6.795 272	1007.51 6.052 258	1007.81 5.233 249	1011.01 3.066 253	1011.11 3.560 257	1012.41 5.766 248	1014.31 6.822 268	1016.01 7.523 271	1015.5 7.830 238	1012.3 7.257 3138
21	MEAN S D TOTAL OBS	1017.41 8.236 200	1016.31 7.314 210	1011.91 7.440 216	1010.91 6.527 214	1008.51 5.432 214	1009.21 5.174 210	1012.01 3.051 214	1012.41 3.416 217	1013.41 5.873 197	1015.21 6.276 195	1017.11 7.401 195	1016.7 7.800 177	1013.4 7.029 2459
ALL HOURS	MEAN S D TOTAL OBS	1018.01 8.270 1929	1016.71 7.836 1822	1012.31 7.696 1924	1010.81 6.894 1883	1009.61 6.149 1922	1010.11 5.266 1885	1013.31 3.315 1949	1013.11 3.741 1955	1014.01 5.907 1827	1015.71 6.726 1893	1016.91 7.903 1812	1016.4 8.259 1746	1013.6 7.211 22512

USAFETAC FORM 7-64 0-89.5 (OLA)